# ADMINISTRATION REPORT

OF THE

# MUNICIPAL COMMISSIONER

FOR THE

# CITY OF BOMBAY

## FOR THE YEAR 1937-38.

BOMBAY
THE TIMES OF INDIA PRESS

1938.

00133787

BOMBAY BRANCH

OF THE

ROYAL ASIATIC SOCIETY.

TOWN HALL, BOMBAY.

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on 01 February, 2020

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# Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1937-38.

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**Corporation.**

1. Dr. Elijah Moses, M.D., J.P., was the Mayor of Bombay during the year. Mr. Sultan M. Chinoy, J.P., was the Chairman of the Standing Committee. Mr. Behram N. Karanjia, J.P., was the Chairman of the Improvements Committee, and Mr. M. M. Killedar, J.P., was the Chairman of the Schools Committee.

During the year the Corporation presented an address of Welcome to Sir Roger Lumley, G.C.I.E., D.L., Governor of Bombay, Designate, a Farewell address to the Right Honourable Lord Brabourne, G.C.I.E., M.C., the retiring Governor of Bombay, and a Civic address to the Honourable the Prime Minister and his Colleagues on the Bombay Provincial Cabinet.

The life of the Corporation was extended by one year to enable Government to revise the constitution of the Corporation. Bombay Act XIII of 1938 has since done away with the Government nominations on the Corporation and its Committees and has sub-divided the existing Wards into 19 Wards for the purposes of Municipal Elections. As a result of the extension of the life of the Corporation, the General Elections which were due to be held early in 1938 were postponed.

**Commissioner.**

2. Mr. I. H. Taunton, B.A., I.C.S., J.P., continued to hold the office of the Municipal Commissioner during the year.

**Financial.**

3. The gradual improvement of economic conditions which was noticed during the previous year continued during the year under review and generally speaking the economic conditions throughout the World improved. But the uncertainty of the political situation caused by the War in the Far East and general tenseness of political relations in Europe retarded the attainment of economic stabilisation during the year. The vast constitutional changes in India and the grave international crisis that affected the world markets time and again happily did not disturb the Indian Markets very much. On the other hand the intensive re-armament programmes in the European Countries stimulated industrial activity and the Indian Cotton Mill Industry showed increased production during the year. The local textile industry also shared in the improvement and these economic factors have to a certain extent been reflected in Municipal Finance during the year under review.

The rates of taxation during the year continued to be the same as those for the preceding year. The charges for the supply of water by meter measurement also remained constant, except in the case of the Thana Municipality and Bhandup in which case the rate was reduced from As. 14 to As. 10 per 1,000 gallons.

The incidence of taxation per head rose from Rs. 22-15-4 in the preceding year to Rs. 23-10-8. The actual income of Rs. 3,30·16 lacs in the Municipal Account exceeded the original estimates by Rs. 9·20 lacs and showed an increase of Rs. 9·58 lacs over the income of the previous year. The actual expenditure of Rs. 3,27·48 lacs was Rs. 1·63 lacs less than the original estimate but it exceeded the expenditure for the preceding year by Rs. 8·18 lacs. Thus the financial transactions in the Municipal Account for the year under review have resulted in a surplus of Rs. 2·68 lacs as against a budgeted deficit of Rs. 8·15 lacs. The

surplus was due partly to the increase in income under Water, Street Cleansing, etc., Wheel Tax, Buildings, Land Acquisition and Management and partly to the reduction in expenditure under various heads. The Surplus Cash Balance inclusive of the minimum required by Law stood at Rs. 22·87 lacs on 31st March 1938, as against Rs. 21·39 lacs at the close of the year previous.

The actual income in the Improvement Schemes Account amounted to Rs. 1,02·56 lacs against Rs. 1,00·31 lacs in the previous year, showing an increase of Rs. 2·25 lacs. The actual expenditure amounted to Rs. 96·88 lacs as against Rs. 99·15 lacs in the previous year showing a decrease of Rs. 2·27 lacs. The net result of the financial transactions in the Improvement Schemes Account have thus resulted in a surplus of Rs. 5·68 lacs. Once again the position of the Improvement Schemes Account has been satisfactory, though it must be noted that the decrease in expenditure due to reduction of debt charges has been secured partly by an extension of the currency of the consolidated loan.

**Variations in Income.**

4. The total increases in the Municipal Account during the year as compared with the actuals of the preceding year amounted to Rs. 13·84 lacs and decreases to Rs. 4·26 lacs, showing a net increase of Rs. 9·58 lacs. The items which mainly contributed to the rise in the revenue were (1) Water Works, Rs. 5·13 lacs ; (2) Street Cleansing and Conservancy, etc., Rs. 1·30 lacs ; (3) Roads, Drains and Sewers, Rs. 4·35 lacs and (4) Buildings, Land Acquisition and Management, Rs. 0·82 lac.

The main decreases in income were in respect of Town Duties, Rs. 1·39 lacs, the causes for which have been dealt with later, and Extraordinary Receipts, Rs.2·42 lacs, due to the excess of interest on Sinking Fund not being transferable to Revenue under objection raised by the Government of Bombay.

The main items which contributed to the increase in the receipts under General Account of the Improvement Schemes were (1) Contribution from the Corporation, Rs. 2·18 lacs and (2) Tobacco Duty Receipts, Rs. 0·64 lac. These increases were partly counterbalanced by decreases in (1) Rent and other proceeds of properties, Rs. 0·64 lac, and (2) Interest and Profits on investment, Rs. 0·27 lac.

**Variations in Expenditure.**

5. The total increase in expenditure in the Municipal Account during the year as compared with the actuals of the preceding year amounted to Rs. 13·56 lacs and the decrease aggregated Rs. 5·38 lacs, which resulted in a net increase of Rs. 8·18 lacs. The main items which contributed to the increase in expenditure were (1) General Supervision, Rs. 0·97 lac ; (2) Water Works, Rs. 1·00 lac ; (3) Education, Primary, Rs. 1·06 lacs ; (4) Medical Relief and Education, Rs. 1·22 lacs ; (5) Street Cleansing and Conservancy, etc., Rs. 0·59 lac ; (6) Roads, Drains and Sewers, Rs. 3·22 lacs ; (7) Mechanical, Rs. 1·03 lacs ; (8) Buildings, Land Acquisition and Management, Rs. 0·68 lac ; (9) Fire Brigade, Rs. 0·64 lac and (10) Contribution towards Improvement Schemes, Rs. 2·18 lacs. The aforesaid increases were partly set off by decreases under Provident Fund, Pensions, etc., Rs. 1·24 lacs and under Slum Service Rs. 4·14 lacs.

The expenditure under General Account of the Improvement Schemes showed a decrease of Rs. 2·27 lacs as compared with the expenditure of the preceding year. This is comprised of a decrease of Rs. 0·13 lac under Maintenance of Properties and Streets and of Rs. 2·14 lacs under Debt Charges.

**Capital Works.**

6. The Revised Budget Provision for Loan Works including the amount on account of subvention for the conversion of privies into water closets and charges for the raising of the new loan was Rs. 55·45 lacs and the total funds made available for expenditure during the year amounted to Rs. 32·63 lacs. The actual expenditure booked however amounted to only Rs. 32·32 lacs, leaving an unspent balance of Rs. 0·31 lac. The actuals fell short of the revised estimates by 42 per cent. as against 29 per cent. in the preceding year. Attention of the Executive has been repeatedly drawn to the wide disparity in

the Revised Estimates and the actual expenditure for Capital Works. The Standing Committee fully appreciate the difficulty of the Executive to foresee exactly the provision that would be necessary for these works but they feel that there is enough scope for the Executive to reduce this disparity by limiting their demand to provisions for such works only as they can reasonably hope to carry out during any particular year.

**Loan Liabilities.**

7. The loan liabilities were reduced from Rs. 15,65·25 lacs to Rs. 15,62·24 lacs during the year. The net debt per head was accordingly reduced from Rs. 111-2-10 in 1936-37 to Rs. 108-8-10. Rs. 28·84 lacs were repaid to Government and the public and Rs. 0·83 lac into the different Special Funds.

Provision for a loan of Rs. 30 lacs was made in the Budget for Capital Expenditure during the year. As however the loan works expenditure fell far short of the Budget Estimate, the raising of the loan has been deferred to 1938-39 and Capital expenditure during the year financed by raising of the balance of Rs.6 lacs out of the loan of Rs.24½ lacs sanctioned for 1936-37 and by taking a temporary advance of Rs. 18·75 lacs from the Land Sales Reserve Fund as proposed in the Revised Estimates for 1937-38. An advance of Rs. 1·92 lacs was also taken from the Net Premia Fund for purchase of Plant and Machinery. The total amount of loans raised during the year for Municipal purposes thus amounted to Rs.26·67 lacs.

The loan liabilities of the Improvement Schemes at the commencement of the year stood at Rs.17,07·54 lacs. The amount repaid during the year was Rs.36·47 lacs. No loan was raised during the year. On the contrary, the Surplus Balances in the Capital Account were utilised for repayment of debt to the extent of Rs. 29·29 lacs. The outstanding loan liabilities at the close of the year thus stood at Rs. 16,71·07 lacs. During the year the Corporation approved of a proposal to consolidate the outstanding balances of certain loans advanced by Government to the Improvement Schemes Account in the years 1931-32, 1932-33 and 1935-36 aggregating Rs.4,12·34 lacs into one loan at a flat rate of interest at Rs.3·3759 per cent. repayable over a period of 44 years in half-yearly instalments. As the conversion has been effected at a time when the money market was easy it has resulted in a substantial reduction in Debt Charges.

**Special Funds.**

8. The various Special Funds and the amounts held to their credit as on 31st March 1938 were (1) Municipal Fire and Accident Insurance Fund—Rs.9·12 lacs; (2) Worn out Water Mains Renewal Fund—Rs.0·85 lac; (3) Net Premia Fund—Rs.50·92 lacs; (4) Provident Fund—Rs.135·62 lacs; (5) Fines Fund—Rs.4·72 lacs; (6) Plant and Machinery Depreciation Fund—Rs.18·67 lacs; (7) Renewal of Road Surfaces Fund—Rs. 21·87 lacs; (8) Gardens Fund—Rs.0·55 lac; (9) Public Monuments Maintenance Fund—Rs.1·11 lacs; (10) Endowments Fund—Rs.1·20 lacs; (11) Hospital Fund—Rs. 2·83 lacs; (12) Land Sales Reserve Fund—Rs.22·41 lacs; (13) Slum Service Fund—Rs.2·89 lacs; (14) K. E. M. Hospital and G. S. M. College Equipment Fund—Rs. 0·19 lac; (15) G. S. M. College and K. E. M. Hospital Research Fund—Rs.0·07 lac and (16) Trust Fund—Rs. 2·58 lacs. The total amount to the credit of all these Funds was Rs. 2,75·60 lacs. Out of the abovementioned balances to the credit of the Net Premia Fund and the Land Sales Reserve Fund advances amounting to Rs. 1·92 lacs and Rs. 18·75 lacs, respectively, have been made for financing Capital Expenditure during the year.

**Taxation, Demand, Collections and Outstandings.**

9. The total net demand in respect of Property Taxes and Wheel Tax amounted to Rs. 3,15·65 lacs against Rs. 3,03·42 lacs for the preceding year, while the Collections and Outstandings aggregated Rs. 2,54·48 and Rs. 61·17 lacs, respectively, against Rs. 2,45·10 lacs and Rs. 58·26 lacs, respectively. The aggregate demand in respect of taxes rose by Rs. 12·23 lacs over that of the preceding year and the outstandings by Rs. 2·91 lacs. The percentage of collections to the net demand was 80·62

against 80·80 in the preceding year. The reasons for the outstandings have been explained by the Commissioner in paragraph 44 of his report and by the Assessor and Collector in his report at pages 160-61. It would appear therefrom that the outstandings amounting to Rs. 41·61 were beyond the control of the Department. This leaves an amount of Rs.19·56 lacs as outstandings which represents about 6 per cent. of the net demand of the year. The outstandings have been reduced by about Rs. 11·35 lacs on the 30th June 1938.

**Rateable value.**

10. The total net rateable value of properties at the close of the year amounted to Rs. 13,62·70 lacs against Rs. 13,31·56 lacs at the end of the preceding year, showing an increase of Rs.31·14 lacs. This increase in the rateable value was due to the construction of new buildings and to the systematic revaluation of old properties.

It will be recalled that a representation was made to the Government of India (Railways Department) against the decision of the arbitrator appointed by them in connection with the assessment of the properties of the G.I.P. and the B.B. & C.I. Railways. Government have now decided that the complaints for the previous years should be investigated in the usual way, that for the years 1937-38 and 1938-39 the taxes should be paid on the basis of the award of the arbitrator and that another arbitrator would be appointed by them to determine taxes payable by the Railways from 1939-40 onwards.

**Riot Tax.**

11. Collection of Riot Tax in respect of the riots that took place in the City from 1929 to 1933 was continued during the year. Of the total amount of Rs. 28·5 lacs to be collected in respect of these riots Rs.25·43 lacs were recovered up to the end of the year leaving a balance of Rs.3·06 lacs.

**Town Duties.**

12. The total net receipts during the year from Town Duties amounted to Rs.14·12 lacs as against Rs. 14·99 lacs in the preceding year, showing a decrease of Rs. 0·87 lac. Receipts from sugar and ghee substitutes yielded Rs.2·11 lacs less than the previous year but the decrease was partly set off by an increase of Rs. 1·25 lacs in the receipts from grains, wines and spirits, beer, ghee and timber. The decrease in the receipts from sugar was mainly due to the heavy imports towards the end of the preceding year and consequent fall in them in the year under review. The receipts from ghee substitutes also fell due to commencement of the local manufacture of that article on which duty is not leviable.

Town Duties have been regarded as an integral source of Municipal revenue in the scheme of the Municipal Act. Unfortunately, however, this source of revenue has not shown the same upward tendency as other sources provided for in the year 1888. A look at the list of articles on which town duties are levied will convince a casual observer that this source of revenue should have expanded along with the expansion of the City, but the same has not been the case. The population of the City has definitely increased and yet receipts from duties on commodities which are universally consumed have not increased correspondingly. The probable reason is that with the change in tastes and habits of the people the consumption of the essential commodities has been reduced or that other articles have taken their place. Another factor which also has contributed to the fall is the substitution for building purposes of cement and iron in place of timber. The Corporation have reviewed this question and have submitted proposals to Government for revising the Schedule in the light of present day circumstances.

The Town Duties contributed in the year 1888-89, 14·62 per cent. of the total Municipal revenue but for the year under report their contribution amounts to 4 per cent. only. The Standing Committee therefore feel very greatly the need for reiterating the demand of the Corporation in this respect and hope that Government would legislate for the amendment requested for by the Corporation at a very early date.

**Election Department.**

13. An Independent Election Department was started on the 1st March 1937. The preparation of the Voters' List and the Municipal Electoral Roll were undertaken and finished during the year in time for the General Elections due early in 1938, but Elections were not held due to the extension of the life of the Corporation by one year.

**Public Works.**

14. The maintenance of Municipal and acquired properties as well as of Improvement Trust Buildings was carried out by the Architectural Branch as in the previous year. Among the works carried out by the branch during the year were the construction of a school building and 300 S.P. sheds at Dharavi and 38 S.P. sheds at Parel Village. The most important works under construction at the end of the year were (1) a ward in the general unit, Nurses' quarters and Store Room at the Arthur Road Hospital, (2) Lady Students' Hostel at the Seth G. S. M. College, (3) additional storey over ward pavilions Nos. 2 and 3 at the K. E. M. Hospital, (4) 76 rooms (sheds) at Kasarwadi, (5) Fire Brigade Station at Gunbow Street and (6) wholesale market at Byculla.

As usual the programme for the improvement and maintenance of roads has been followed up during the year and the roads were treated with asphalt carpet or sett stones on cement concrete foundations according to requirements of the traffic in the locality. The widening of the Love Grove Bridge was also undertaken during the year. With the widening of this Bridge will disappear one of the worst of those bottle-necks on the main arterial road leading to the City which has come in for a considerable amount of criticism from the Press as well as the public. The number of applications received during the year for the erection of new private buildings or for alterations to the existing ones was 4,807 against 3,904 in the preceding year and the building activity in all parts of the City continued unabated during the year. The Municipal Building Bye-laws have frequently been referred to as being very liberal to the builder and consequently defective in regard to (1) the maintenance of adequate open spaces around buildings and (2) the provision of adequate ventilation to the inmates. The construction of numerous buildings on the reclamation and surrounding areas too close to one another have brought out in a pointed manner the defects in the Bye-laws. Extensive amendments or framing of entirely new rules, etc., were therefore admitted to be quite essential and during the year a special officer was appointed for the purpose. The Standing Committee note with satisfaction that the work is progressing and preliminary amendments are being made ready. They hope that the work would be carried out as expeditiously as possible.

The progress of works in connection with the scheme for the sewerage of the northern part of the City continued to be satisfactory. Besides giving better sanitation to areas which had been clamouring for it for over a quarter of a century, the scheme has a special interest for all connected with the drainage and sewerage problems of large cities. The Purification Works installed at Dadar in connection with the scheme and the sludge digestion tank attached thereto are giving results which are being watched with great enthusiasm as they offer a possible solution to one of the major problems in connection with sewage disposal for all tropical countries.

**Workshops.**

15. The turn-over of the Municipal Workshops amounted to Rs. 2·64 lacs against Rs. 2·52 lacs in the previous year. The number of jobs carried out during the year was 5,408 against 4,814 in the previous year. Expenditure on the upkeep of the shop amounted to Rs. 0·23 lac as in the preceding year and the overhead charges to Rs. 0·44 lac against Rs. 0·50 lac.

**Inventory of Municipal Properties.**

16. The entries of properties recorded before 1930 were revised and brought up-to-date in respect of F and G Wards by the end of the year and plans relating to them were under preparation. In addition to this, the work of investigating the Municipal title and determining the correct boundaries in several cases was carried out.

17. The following Improvement Schemes were approved by the Corporation and notified during the year :—

**Estates and Land Management.**

(1) Scheme No. 72, Tripartite Road Improvement Scheme.

(2) Scheme No. 73, Palton Road Improvement Scheme for Poor and Working Classes.

(3) Scheme No. 74, Sion Overbridge Improvement Scheme.

One hundred and forty-four plots comprising an area of 39 acres valued at Rs. 33·05 lacs were let during the year. The corresponding figures for the preceding year were 225 plots, 62·9 acres valued at Rs. 45·22 lacs. Eight plots with an area of 827 square yards were sold outright and only one plot was resumed. The total number of plots disposed of up to the end of the year was 2,796 comprising an area of 740 acres valued at Rs. 790·12 lacs and yielding an annual rent of Rs. 30·29 lacs. The number of plots remaining undisposed of at the end of the year was 625 comprising an area of 7,991 square yards valued at Rs. 1,48·35 lacs and estimated to yield an annual rent of Rs. 8·24 lacs. The total revenue demand including arrears amounted to Rs. 67·00 lacs and collections amounted to Rs. 42·52 lacs, and Rs. 3·90 lacs were written off. The arrears that remained to be collected at the end of the year thus amounted to Rs. 13·58 lacs or 20 per cent. of the total demand as against 25 per cent. in the previous year. The Standing Committee have noted with satisfaction the reduction in the percentage of outstandings to the total demand but they are of opinion that there is further scope for reduction.

The demand for Municipal plots was as keen as in the preceding year and the total number of plots disposed of during the year was 150, comprising an area of 99,340 square yards and a capital value of Rs. 21·38 lacs as against 110 plots, 75,147 square yards and Rs. 29·66 lacs during the previous year.

18. The rainfall at all the Municipal lakes was above the average of the preceding quinquennium and all the lakes were overflowing for a period of two months or more. The total quantity of water brought into the City and the Suburbs was 35,253 million gallons out of which 30,015 million gallons were drawn from Tansa, 4,703 million gallons from Vehar for the City's Supply while 535 million gallons drawn from Tulsi were supplied to the Suburbs. The Powai Lake was left unused as before. The daily average supply to the City was 96·59 million gallons against 92·41 million gallons per day during the preceding year.

**Water Supply.**

The work of taking exploratory borings in the Tansa Dam with the object of finding out the presence of uplift pressure at the base of the dam and testing the quality of masonry forming the hearting of the dam was undertaken and finished during the year. The results do not warrant undue apprehension in either case. Within the City part survey of the distributory and trunk water mains by Pitometer gaugings was made during the year and in numerous cases smaller mains were replaced by larger ones and new mains were laid to serve the need of the locality for increased water supply. The work of making the Bhandarwada and Malabar Hill Reservoirs waterproof by guniting was sanctioned during the year.

19. The number of Fire Brigade Stations continued to be 10. The foundation stone of a new and up-to-date station at Gunbow Street to replace the station at Hornby Road was laid by Dr. E. Moses, M.D., J.P., Mayor of Bombay, in December 1937, and the building work is progressing satisfactorily. The aggregate number of calls answered by the Fire Brigade during the year was 537 as against 624 during the preceding year. The loss on account of fire amounted to Rs. 9·99 lacs, showing a decrease of Rs. 12·49 lacs as compared with the previous year, while the total property at

**Fire Brigade.**

risk was worth approximately Rs. 3,41·56 lacs. Of the total loss Rs. 8·90 lacs represented the loss covered by insurance.

The motor ambulances in charge of the Fire Brigade attended 517 calls in respect of accidents, 735 in respect of maternity cases and 1,902 hired calls. The receipts from these amounted to Rs. 10,466, as against Rs. 9,466 for the previous year.

A new motor ambulance was purchased to replace the one condemned and the body of the " Sir Mangaldas Mehta Free Maternity Ambulance " was replaced at a cost of Rs. 1,500, generously donated by Sir Mangaldas Mehta, Kt., O.B.E., for that purpose.

**Public Gardens.**

20. Thirteen gardens and 31 recreation grounds and open spaces were maintained during the year. The directed games at the Mustan Shah Tank, Gilder Tank and Willingdon Memorial Playgrounds under the supervision of the Y. M. C. A. continued to be popular as before. During the year owing to the reduced grant only 30 band performances and 4 concerts of Indian music were held at the several bandstands and gardens for the amusement of the general public as in the preceding year. The number of visitors to the Victoria Gardens during the year was 21,30,142 against 19,00,934 in 1936-37.

**Victoria and Albert Museum.**

21. The Museum was kept open to the public for 311 days as in the preceding year. The total number of visitors during the year was 13,46,113 and shows an increase of 3,80,652 over those during the preceding year. The specimens exhibited were maintained in good condition and several additions were made to the collections.

The Curator was deputed to the Conference of Museum Authorities held at New Delhi in December 1937 and the re-arrangement of certain sections of the collections on the lines adopted in the other Museums in India was carried out.

**Stores.**

22. Stores purchased during the year amounted to Rs. 15·40 lacs as against Rs. 7·86 lacs in the previous year showing an increase of Rs. 7·54 lacs. The increase is due to the purchase of additional quantities of materials in connection with new loan and other works that were taken in hand during the year. The cost of Indian made articles purchased during the year was Rs. 12·56 lacs and that of non-Indian articles was Rs. 2·80 lacs. The balance of stock in hand stood at Rs. 5·60 lacs at the close of the year against Rs. 4·29 lacs at the commencement of the year.

**Licences.**

23. The total amount of fees recovered from licences and permits amounted to Rs. 1·88 lacs against Rs. 1·87 lacs during the preceding year. The number of licences issued to hawkers and squatters was 30,688 and showed an improvement over the last year's figure which was 28,592. The number of prosecutions for the infringement of Municipal Law or licence conditions was 3,592 against 4,226 in the preceding year and the number of cases pending decision at the close of the year was 627 against 460 in the preceding year.

**Markets.**

24. The number of Municipal Markets was reduced to 15 as the Chandanwadi Market which had been working at a loss was handed over to the Schools Committee for a school. The number of private markets rose from 21 to 23, due to the establishment of an open air market at Thakurdwar and a Milk Market in Shaik Memon Street. The number of private slaughter-houses was 2, the same as that in the previous year. The number of outside meat shops was 163 as against 160 for the previous year. The total receipts during the year under review from Markets and Slaughter Houses were Rs. 12·47 lacs, showing an increase of Rs. 0·50 lac over those of the preceding year. The increase in receipts is due to increase in fees for stamping weights and measures, slaughter-house fees, squatters' fees and stall rents. The net receipts from

Municipal Markets amounted to Rs. 3·78 lacs against Rs. 3·88 lacs for the previous year recording a decrease of Rs. 0·10 lac.

The Refrigerator Plant at the Arthur Crawford Market, having become old and out of date, is proposed to be replaced by an entirely new and up-to-date plant at a cost of Rs. 80,000.

The verification and stamping of weights and measures in the City was carried out by the Weights and Measures Section and 21 prosecutions were launched for infringement of the Act. The total fees derived increased to Rs. 20,543-5-0 from Rs. 16,479-13-0 in the year previous. Due to the amendment of Section 27(2) of the Bombay Weights and Measures Act, the Municipality is now entitled to meet the entire expenditure, recurring and non-recurring, from the fees levied and only credit the balance to Government.

**Public Health.**

25. The conditions of public health during the year under review were satisfactory except for small-pox which raged in an epidemic form in December 1937. The number of live births which was 35,455 showed a decrease of 450 in the figures for the previous year. The number of deaths was 30,768 being 834 more than in 1936. Compared with the decennial averages, the mortality figures under Respiratory Diseases, Tuberculosis, Congenital Debility and Diseases of early infancy, Small-pox, Diarrhœa, Enteritis, Dysentery, Enteric Fever, Cerebro-spinal Fever, Diphtheria, Old Age and Violence show increase; on the other hand there was a decrease in deaths under Ague and Remittent Fever, Malaria, Puerperal state, Cholera, Leprosy and Influenza. The birth and death rates were highest amongst poorer classes of Hindus and lowest amongst Europeans. The total number of deaths amongst infants under one year was 8,688 against 8,946 in the previous year and 245·0 per 1,000 births registered against 245·1 in the preceding year.

There was no death from Plague during the year. Small-pox, Cholera, Influenza and diseases of the Respiratory system were responsible for 688, 4, 68 and 11,241 deaths, respectively, as against 906, 5, 82 and 10,601 during the preceding year and Tuberculosis 2,037 as against 1,993 for the previous year. Anti-Tuberculosis measures continued to be taken during the year and with a view to combat the disease more effectively two additional dispensaries for tubercular out-patients were opened. The Corporation have also sanctioned a proposal for providing additional accommodation of 40 beds at the Turner Sanatorium.

Malaria was the cause of 73 deaths during the year as against 91 in the preceding year. The number of malaria patients treated at Municipal Dispensaries also records a fall being 1,082 against 1,191 for the preceding year. The number of patients treated for malaria at other public hospitals during the year was 13,319 against 12,374 and records an increase of 945 over the figures of the preceding year.

**K. E. M. Hospital and G. S. M. College.**

26. Despite the vigilance of the administration in the matter of admission of in-patients, the King Edward VII Memorial Hospital had to work very much in excess of its full complement of 370 beds and the daily average of in-patients at the hospital was 410·49 as against 397·6 for the year previous. The total number of in-patients treated at the Hospital was 12,425 against 12,127 during the preceding year. The total number of new out-patients treated was 1,01,389 against 85,557 and the daily average of out-patient attendance shows an increase from 857·8 to 1,062·15. The highest number of in-patients and out-patients on a single day was 452 and 1,712, respectively. The average daily cost per in-patient was reduced to Rs. 2-12-8 from Rs. 2-13-7 and that in respect of an out-patient to Re. 0-5-8 from Re. 0-6-8. The average cost per in-patient admission was reduced to Rs. 32-10-11 from Rs. 33-0-2 and that in respect of out-patient to Re. 1-2-5 from Re. 1-5-0 during the preceding year.

The arrangement made for the transfer of destitutes and chronic patients to the Helpless Beggars' Relief Camp was continued during the year. The King George V Memorial, comprising of the Lady Dhunbai Jehangir Home for Destitutes and the King George V Infirmary, was formally declared open on the 30th March 1938 and it is hoped that this will considerably relieve the congestion in the Hospital. The programme for the extension of the Hospital and the construction of an additional storey over Ward pavilions Nos. 2 and 3, commenced during the year, has been progressing satisfactorily.

In the Seth G. S. M. College, the number of students rose from 454 in the preceding year to 499 in the year under review. The total expenditure on the College and Students' Hostel was Rs. 2·56 lacs as in the preceding year, while the receipts amounted to Rs. 1·06 lacs against Rs. 1·07 lacs for the preceding year. The construction of the Lady Students' Hostel has been undertaken and it is expected to be ready for occupation in 1938.

**Dispensaries.**

27. The total attendance and the number of new patients treated at the 15 Municipal Dispensaries for out-patient relief was 4,18,512 and 1,41,217, respectively, against 3,82,430 and 1,29,036 during the previous year. The number of cases confined in the five Municipal Maternity Homes was 4,771 against 4,593 during the previous year. The percentage of births that took place in the Maternity Homes in the City was 73·4 against 70·9 in the preceding year. The number of cases of venereal diseases treated at the Municipal Dispensary at Bellasis Road rose from 4,735 to 5,685. The cases of primary syphilis and acute gonorrhoea have showed a progressive increase during the last few years in relation to the numbers of secondary syphilis and chronic gonorrhoea and serves as an indication that the public is taking advantage of the treatment at earlier stages of the diseases.

**Education.**

28. The number of Municipal Schools and Classes was 378 against 363 in the previous year and the number of pupils on the roll rose from 74,451 to 82,988. The number of ordinary teachers (taking two part-time teachers as one full-time) was increased from 2,049 to 2,278 and the number of special teachers was reduced from 139 to 134. The average cost per pupil calculated on the basis of the number of pupils on the roll on the last day showed a decrease from Rs. 41·9 of the previous year to Rs. 38·9 and that calculated on the basis of average number of pupils on the roll throughout the year showed a decrease from Rs. 41·6 for the previous year to Rs. 40·7 for the year under review. If the expenditure for the head office for the year is also taken into account the figures for the year under review will be Rs. 39·6 and Rs. 41·6.

The number of Aided Schools rose from 140 to 148 and the number of pupils attending thereat from 21,719 to 24,456. The grants-in-aid of these schools were subject to a 15 per cent. cut on account of financial stringency and the total amount of grants paid was Rs. 1·59 lacs as against Rs. 1·62 lacs during the preceding year. The average cost per pupil was Rs. 35·8 against Rs. 36·8 during the previous year. As usual the census of non-attending children in the area under Compulsory Education, *i.e.*, F and G Wards, was carried out in the months of September and October 1937, and this census revealed that the number of non-attending children of the compulsory age was 6,991. By the end of the year this was reduced to 3,557.

Medical Inspection of children in Municipal Schools was carried out and it was detected that nearly 48 per cent. of the boys and 51 per cent. of the girls examined were suffering from one disease or another. Pupils willing to undergo medical treatment were treated at the clinic maintained at the K. E. M. Hospital for that purpose. The total amount available for expenditure during the year to the Schools Committee was Rs. 34·46 lacs while the actual expenditure during the year was Rs. 34·07 lacs leaving a balance of Rs. 0·39 lac. The corresponding

figures for the previous year were Rs. 33·35 lacs, Rs. 33·08 lacs and Rs. 0·27 lac respectively.

**Municipal Printing Press.**

29. The Municipal Printing Press has grown out of its infancy and now ranks amongst the recognised presses in Bombay. The Press undertook the printing of books and forms of a size larger than foolscap size during the year. A Lino-type and a Centurette Cylinder Printing Machines have been installed at a cost of Rs. 30,050. During the year under review 2,441 jobs including the printing of Voters' List and Electoral Roll comprising of over 2,50,000 names were executed by the Press at an aggregate cost of Rs. 71,462. The total saving due to the working of the Press during the year was Rs. 19,202 as against Rs. 9,356 in the previous year.

**Municipal Auditors.**

30. The Municipal Auditors' report is as usual exhaustive and gives a clear exposition of the financial transactions of the Municipality during the year.

**Acknowledgment.**

31. In conclusion the Standing Committee desire to place on record their high appreciation of the very able and valuable services rendered by Mr. I. H. Taunton whose high administrative ability and financial acumen have been of great help to the Committee.

MUNICIPAL CORPORATION OFFICE,
BOMBAY, *3rd January* 1939.

A. P. SABAVALA,
*Chairman, Standing Committee.*

# Administration Report of the Municipal Commissioner for the City of Bombay for the year 1937-38.

## CORPORATION, STANDING COMMITTEE AND IMPROVEMENTS COMMITTEE.

### Corporation.

Dr. Elijah Moses, M.D., J.P., was elected Mayor at the Meeting of the Corporation held on the 5th April 1937 and held that office throughout the year.

2. One hundred meetings of the Corporation including two special and adjourned special meetings and one hundred and thirty-nine meetings of the Committees and forty-four meetings of their Sub-Committees, other than those of the Standing Committee and the Improvements Committee, were held during the year. Councillors also attended the presentation of Addresses of Welcome and Farewell, respectively, to Sir Roger Lumley, G.C.I.E., D.L., Governor-Designate of Bombay and His Excellency the Right Hon'ble Lord Brabourne, G.C.I.E., M.C., the retiring Governor of Bombay and also the presentation of a Civic Address to the Hon'ble the Prime Minister and his colleagues in the Bombay Provincial Cabinet.

3. The changes that took place in the personnel of the Corporation during the year were as follows :—

Mr. C. W. E. Arbuthnot, C.I.E., B.E., B.A. (R.U.I.), J.P., resigned his seat on the 17th September 1937 and in his place Rao Bahadur Balkrishna P. Jagtap, L.C.E., M.R.San.I., A.M.I.E. (Ind.), was appointed by Government on the 11th October 1937.

Sir Gilbert Wiles, K.C.I.E., C.S.I., I.C.S., J.P., resigned his seat on the 24th April 1937 and in his place Mr. G. E. Bennett, M.Sc., M.Inst. C.E., was appointed by Government on the 26th April 1937.

Mr. Bennett resigned his seat on the 22nd October 1937 and in his place Sir Gilbert Wiles was re-appointed by Government on the 30th October 1937.

Sir Gilbert Wiles resigned his seat on the 1st January 1938 and in his place Mr. G. E. Bennett was re-appointed by Government on the 10th February 1938.

Mr. C. P. G. Wade resigned his seat on the 2nd October 1937 and in his place Mr. L. Gwilt was appointed by the Chamber of Commerce on the 23rd October 1937.

4. The following Councillors were absent from the Meetings of the Corporation for the period shown against their names either due to illness or

other causes approved by the Corporation under Section 17 (*b*) of the Municipal Act :—

| Name. | Period. |
|---|---|
| Mr. B. S. N. Cooper, J.P. .. .. .. | From 20th December 1937 to 23rd March 1938. |
| Mr. Chiranjilal R. Loyalka .. .. .. | From 24th February to 31st March 1938. |
| Capt. Jos. Alban D'Souza, B.A., L.M. & S., I.M.S., J.P. | From 4th to 31st March 1938. |
| Mr. Haroon Tarmohamed Noorani .. .. | From 28th January to 31st March 1938. |
| Sir Homi P. Mody, K.B.E., M.A., LL.B., M.L.A. | From 15th May to 1st September 1937. |
| Sir Jamsetjee Jejeebhoy, Bart., J.P. .. .. | From 15th to 31st March 1938. |
| Mr. K. H. Goregaoker, B.A., LL.B., J.P. .. | From 1st April to 31st May 1937. |
| Mr. Mohamed Suleman Mitha, M.L.A., J.P. .. | From 17th April to 7th July 1937. |
| Mr. M. A. Karanjawala, M.A., LL.B., J.P. .. | From 23rd to 31st March 1938. |
| Dr. Sir Mangaldas V. Mehta, Kt., O.B.E., B.A., F.R.C.P., F.C.P.S., J.P. | From 14th April to 13th October 1937. |
| Mr. Punjabhai Thackersey .. .. .. | From 1st April to 21st July 1937. |
| Mr. Vasant S. Velinkar, B.A., Bar-at-Law. .. | From 26th April to 20th October 1937. |
| Mr. Vithaldas D. Govindjee .. .. .. | From 15th April to 14th September 1937. |

## Standing Committee.

5. Mr. Sultan M. Chinoy, J.P., was elected Chairman of the Standing Committee at their meeting held on the 7th April 1937 and held that office throughout the year.

The changes that took place in the personnel of the Standing Committee were as follows :—

Mr. C. W. E. Arbuthnot, C.I.E., B.E., B.A. (R.U.I.), J.P., resigned his seat on the Committee on the 17th September 1937 and in his place Rao Bahadur Balkrishna P. Jagtap, L.C.E., M.R.San.I., A.M.I.E. (Ind.), was appointed on the 11th October 1937.

Mr. C. P. G. Wade resigned his seat on the 2nd October 1937 and in his place Mr. Mathooradas Tricamjee was elected by the Corporation on the 4th October 1937.

6. There were fifty-three regular and eighteen special meetings of the Standing Committee and twelve meetings of the Sub-Committees thereof held during the year.

7. There were fifty-three attendances for the audit of the Municipal Accounts and one hundred and four for the signing of cheques.

## Improvements Committee.

8. Mr. Behram N. Karanjia, M.L.C., J.P., was elected Chairman of the Improvements Committee at their meeting held on the 6th April 1937 and held that office throughout the year.

The changes that took place in the personnel of the Improvements Committee during the year were as follows :—

Mr. C. W. E Arbuthnot, C.I.E., B.E., B.A. (R.U.I.), J.P., resigned his seat on the Committee on the 17th September 1937 and in his place Rao Bahadur Balkrishna P. Jagtap, L.C.E., M.R.San.I., A.M.I.E. (Ind.), was appointed by Government on the 11th October 1937.

Sir Gilbert Wiles, K.C.I.E., C.S.I., I.C.S., J.P., resigned his seat on the 24th April 1937 and in his place Mr. G. E. Bennett, M.Sc., M.Inst.C.E., was appointed by Government on the 26th April 1937. Mr. Bennett resigned his seat on the 22nd October 1937 and in his place Sir Gilbert Wiles was re-appointed by Government on the 30th October 1937. Sir Gilbert Wiles resigned his seat on the 1st January 1938 and in his place Mr. Bennett was re-appointed by Government on the 9th February 1938.

Mr. Sultan M. Chinoy, J.P., resigned his seat on the Committee on the 8th November 1937 and in his place Mr. K. G. Tambe was elected by the Corporation on the 2nd December 1937.

9. There were twenty-four ordinary meetings of the Committee and nine meetings of the Sub-Committees thereof held during the year.

# LIST OF COUNCILLORS WHO HELD OFFICE ON 31ST MARCH 1938.

DR. E. MOSES, M.D., J.P., *Mayor*;

MR. SULTAN M. CHINOY, J.P., *Chairman, Standing Committee*;

MR. BEHRAM N. KARANJIA, M.L.C., J.P., *Chairman, Improvements Committee*;

MR. M. M. KILLEDAR, M.L.A., J.P., *Chairman, Schools Committee*;

MR. ABDUL LATIF CURTAY, J.P.
MR. ABDUL RAHMAN MUHAMMAD YUSUF, J.P.
MR. ABDUL RAZAK ABDULLA, J.P.
MR. ABDULLA IBRAHIM RAHIMTOOLA, J.P.
MR. ALARAKHIA ABA *alias* ALAIYA SETH.
MR. A. P. SABAVALA, B.A., BAR-AT-LAW.
RAO BAHADUR B. P. JAGTAP, L.C.E., M.R.San.I., A.M.I.E. (Ind.).
MR. B. S. N. COOPER, J.P.
MR. G. E. BENNETT, M.Sc., M.Inst.C.E.
MR. B. G. PARELKAR.
SIR BYRAMJEE JEEJEEBHOY, KT., J.P.
MR. CHIMANLAL MANCHUBHAI.
MR. CHIRANJILAL R. LOYALKA.
DR. J. A. COLLACO, L.M. & S., M.L.A., J.P.
MR. COOVERJI JETHABHAI SHAH.
SIR CURRIMBHOY EBRAHIM, BART., M.L.C., J.P.
DR. DADIBA N. SAHER, L.M. & S., J.P.
DR. D. G. TENDULKAR, M.B.B.S., L.C.P. & S.
MR. D. S. BABREKAR, B.A., LL.B.
CAPT. JOS. ALBAN D'SOUZA, B.A., L.M.&S., I.M.S., J.P.
MR. D. CAWASJI.
MR. DOSTMAHOMED G. KHAIRAZ, J.P.
MR. E. R. HIRJIBEHEDIN.
MR. G. N. DESAI.
DR. G. V. DESHMUKH, M.D. (Lond.), F.R.C.S. (England), M.L.A.
MR. GORDHANDAS GOCULDAS MORARJI, J.P.
THE HON'BLE RAJA BAHADUR GOVINDLAL SHIVLAL MOTILAL, J.P.
MR. GULAM HUSEIN A. SINGLE.
DR. G. R. A. SHEIKH, B.Sc., M.B., B.S.
MR. GUNVANTLAL V. KAPADIA, B.A., LL.B.
MR. L. GWILT.
MR. HAJI ALIMAHOMED JALALUDDIN, J.P.
MR. HAJI HASAN AHMED BASAR.
MR. HAJI HASHIM IBRAHIM.
MR. HAJI USMAN HAJI VALIMAHOMED MILLWALA.
MR. HAROON H. A. LALLJEE.
MR. HAROON TARMOHOMED NOORANI.
DR. HOMI F. PAVRI, M.C.P.S., M.B., B.S.
SIR HOMI MODY, K.B.E., M.A., LL.B., M.L.A.
MR. HOOSEINBHOY A. LALLJEE, M.L.A.
MR. HUSEIN ABUBAKAR BAIGMOHAMED, M.L.A., J.P.
SIR ISHWARDAS LUKHMIDAS, KT., J.P.
MR. I. S. PATEL, L.A.A., D.Com.
MR. JAMNADAS DWARKADAS, B.A.
MR. JAMNADAS M. MEHTA, M.A., LL.B., BAR-AT-LAW, M.L.A.
SIR JAMSETJEE JEJEEEBHOY, BART, J.P.
DR. J. N. CHOKSY, M.B., B.S.
SIR JEHANGIR B. BOMON-BEHRAM, KT., B.A., LL.B., J.P.
MR. JETHMAL NARANDAS.
MR. K. S. RAMCHANDRA IYER.
MR. KESHAO GANESH TAMBE, L.C.E.
MRS. KHADIJA SHUFFI TYABJI, J.P.
MR. KHURSHED F. NARIMAN, B.A., LL.B., M.L.A.
DR. KHURSHED J. J. CURSETJI, B.A., M.B., B.S., B.Hy., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
MR. KHUSHAL T. SHAH, B.Sc. (Lond.), BAR-AT-LAW.
MR. K. H. GOREGAOKER, B.A., LL.B., J.P.
MRS. LILAVATI K. MUNSHI, M.L.A.
MR. M. L. DAHANUKAR.
MR. MAHOMED SULEMAN MITHA, M.L.A., J.P.
MR. MAHOMEDBHAI A. MOONIM.
MR. MAHOMEDBHOY IBRAHIMBHAI ROWJEE, J.P.
DR. MRS. MALINIBAI B. SUKTHANKAR, M.B., B.S., J.P.
MR. MANCHERJI E. JOSHI, L.C.E., M.I.E., J.P.
MR. M. A. KARANJAWALA, M.A., LL.B., J.P.
DR. SIR MANGALDAS V. MEHTA, KT., O.B.E., B.A., F.R.C.P., F.C.P.S., J.P.
MR. M. A. DABHOLKAR, J.P.
MR. M. N. TALPADE, B.A., LL.B.
DR. M. U. MASCARENHAS, L.M. & S., J.P.
MR. MATHOORADAS TRICAMJEE, B.A.
MR. M. R. MASANI, B.A. (Bom.), LL.B. (Lond.).
MR. MOHAMED EBRAHIM SERANG.
MR. MOHAMED UMER ABDOOL RASUL, J.P.
MR. MOHAMED UMER RAJAB.
MR. MOHAMEDALLY ALLABUX, M.L.A., J.P.
MR. MOHANLAL M. DESAI, B.A., LL.B.
MR. MOHOMMAD ALI S. MANYAR.
DR. MORESHWAR C. JAVLE, J.P.
MR. MULRAJ KARSONDAS.
MR. NAGINDAS T. MASTER, B.A., LL.B., M.L.A.
MR. MEYER NISSIM, M.A., J.P.
THE HON'BLE SIR PHIROZE C. SETHNA, KT., O.B.E., J.P.
DR. POONSEY H. MEISHERI, F.C.P.S., L.M. & S., J.P.
MR. PUNJABHAI THACKERSEY.
MR. P. W. WAGH, M.L.A.
DR. P. G. SOLANKI, L.M. & S., M.L.C., J.P.
MR. R. F. MUNSHI, B.A. (Cantab.), BAR-AT-LAW.
MR. RAJARAM K. VAIDYA, B.A., LL.B.
MR. RAMCHANDRA A. GOLE.
RAO BAHADUR R. S. ASAVALE, J.P.
MR. S. K. PATIL, M.L.A.
MR. S. K. BARODAWALLA, J.P.
MR. S. L. SILAM, B.A., LL.B.
MR. S. C. CAMBATA, J.P.
MR. SHIVDAS C. THAKKAR.
MR. S. C. JOSHI, M.A., LL.B., M.L.C.
RAO BAHADUR S. K. BOLE, J.P.
MR. W. R. G. SMITH, C.I.E., BAR-AT-LAW., J.P.
PROF. A. SOARES, M.A., LL.B.
PROF. SOHRAB R. DAVAR, BAR-AT-LAW, M.L.C., J.P.
DR. SORAB P. MEHTA, B.A., L.M. & S., J.P.
MR. SOONDERDAS MORARJI.
MR. V. S. VELINKAR, B.A., BAR-AT-LAW.
PROF. V. G. RAO, B.A., LL.P (Cantab.), BAR-AT-LAW, O.A., J.P.
MR. V. N. CHANDAVARKAR, B.A. (Cantab.), BAR-AT-LAW., J.P.
MR. V. N. VEDAK, B.A., LL.B.
MR. V. D. GOVINDJEE.
MR. Y. G. PANDIT.
MR. YUSUF J. MEHERALLY, B.A., LL.B.

MR. I. H. TAUNTON, B.A. (Cantab.), I.C.S., J.P., Commissioner; and

MR. D. V. NADKARNI, J.P., Secretary.

## MEMBERS OF THE STANDING COMMITTEE FOR 1937–1938.

MR. SULTAN M. CHINOY, J.P., (*Chairman.*)

RAO BAHADUR B. P. JAGTAP, L.C.E., M.R. San.I., A.M.I.E. (Ind.).
MR. A. P. SABAVALA, B.A., BAR-AT-LAW.
MR. HUSEN ABUBAKAR BAIGMOHAMED, J.P.
MR. K. H. GOREGAOKER, B.A., LL.B., J.P.
MR. M. I. ROWJEE, J.P.
MR. M. A. DABHOLKAR, J.P.
MR. MATHOORADAS TRICAMJEE, B.A.
MR. R. F. MUNSHI, B.A. (Cantab.), BAR-AT-LAW.
MR. S. C. CAMBATA, J.P.
MR. W. R. G. SMITH, C.I.E., BAR-AT-LAW, J.P.
PROF. A. SOARES, M.A., LL.B.
PROF. SOHRAB R. DAVAR, BAR-AT-LAW, J.P.
DR. SORAB P. MEHTA, B.A., L.M. & S., J.P.
PROF. V. G. RAO, B.A., LL.B. (Cantab.), BAR-AT-LAW, O.A., J.P.
MR. V. D. GOVINDJEE.

## MEMBERS OF THE IMPROVEMENTS COMMITTEE FOR 1937–38.

MR. BEHRAM N. KARANJIA, (*Chairman.*)

RAO BAHADUR B. P. JAGTAP, L.C.E., M.R.San.I., A.M.I.E. (Ind.).
MR. B. S. N. COOPER, J.P.
MR. G. E. BENNETT, M.Sc., M.Inst.C.E.
MR. B. G. PARELKAR.
MR. CHIMANLAL MANCHUBHAI.
DR. HOMI F. PAVRI, M.C.P.S., M.B., B.S.
MR. KESHAO GANESH TAMBE, L.C.E.
MR. K. H. GOREGAOKER, B.A., LL.B., J.P.
MR. K. S. RAMCHANDRA IYER.
MR. MANCHERJI E. JOSHI, L.C.I., M.I.E., J.P.
DR. POONSEY H. MEISHERI, F.C.P.S., L. M.&S., J.P.
RAO BAHADUR R. S. ASAVALE, J.P.
MR. S. K. BARODAWALLA, J.P.
RAO BAHADUR S. K. BOLE, J.P.
PROF. A. SOARES, M.A., LL.B.

## MEMBERS OF THE SCHOOLS COMMITTEE FOR 1937–38.

MR. M. M. KILLEDAR, (*Chairman.*)

MR. ABDUL LATIF CURTAY, J.P.
MR. ABDULRAHMAN MUHAMMED YUSUF, J.P.
MR. ABDUL RAZAK ABDULLA, J.P.
MR. D. S. BABREKAR, B.A., LL.B.
MR. I. S. PATEL, D.Com.L.A.A.
MRS. KHADIJA SHUFFI TYABJI, J.P.
*MRS. LILAVATI V. S. VELINKAR, M.A.
MR. M. A. KARANJAWALA, M.A., LL.B., J.P.
*MR. M. V. DONDE, B.A.
DR. P. G. SOLANKI, L.M.&S., J.P.
MR. R. A. GOLE.
RAO BAHADUR R. S. ASAVALE, J.P.
*MISS SHANTABAI DAUNDKAR, B.A., J.P.
RAO BAHADUR S. K. BOLE, J.P.
*MR. V. C. SETALVAD, B.A., LL.B.

* Non-Councillor Members.

10. Mr. I. H. Taunton, B.A., I.C.S., J.P., held the office of the Municipal Commissioner throughout the year.

11. Mr. S. A. Shete, B.A., J.P., held the office of the Dy. Municipal Commissioner upto 22nd March 1938 when he proceeded on leave and Mr. V. V. Shaligram, B.A., G.D.A., was appointed to act for him.

12. Mr. H. B. Shivdasani, M.A. (Cantab)., J.P., held the office of the Dy. Municipal Commissioner (Improvements), throughout the year.

### II.—Heads of Departments.

13. Mr. W. A. Niven, A.M.I.C.E., M.I.E. (India), proceeded on leave on average pay from 14th July 1937 to 16th February 1938 combined with 3 days' leave on half average pay from 17th February 1938 to 19th February 1938 prior to retirement and Mr. E. A. Nadirshah, B.A., B E.. B.Sc. (Eng.), M.Inst.C.E., M.I.E. (India), F.I.S.E., acted for him and was confirmed as Hydraulic Engineer from 20th February 1938.

14. Mr. D. N. Baria, L.C.E., M.I.E., Assistant Engineer, 1st Grade, was appointed Ag. Dy. City Engineer *vice* Mr. E. A. Nadirshah, B.A., B.E., B.Sc. (Edin.), A.M., I.C.E. (India), F.I.S.E. (Lond.), from 14th July 1937 and was confirmed in the vacancy from 20th February 1938.

15. Mr. J. D. Daruwalla, M.Sc., C.E. (France), A.M.I.C.E., A.M.I.E., F.I.S.E., M.R.San., Assistant Engineer, II Grade, Building Branch, was appointed Ag. Assistant Engineer, 1st Grade, Arch. Branch, from 21st June 1937 during the absence of Mr. D. N. Baria, L.C.E., M.I.E., on leave from 21st June 1937 to 13th July 1937 and was continued in the appointment during the period of promotion of Mr. Baria as Ag. City Engineer and was confirmed in the vacancy from 20th February 1938.

16. Mr. Nadirshah Pestonji, L.C.E., Assistant Engineer, 1st Grade, was on leave prior to retirement from 16th August 1937 to 15th December 1937 and Mr. R. V. Gupte, L.C.E., A.M.I.E. (India), acted for him and held the same post temporarily from 16th December 1937 to 19th February 1938 and was confirmed as Assistant Engineer, 1st Grade, from 20th February 1938.

17. Diwan Bahadur Dr. J. S. Nerurkar, B.Sc., L.M.&S., D.P.H., Executive Health Officer, proceeded on leave from 28th September 1937 and Dr. R. K. Mhatre, L.M.&S., D.P.H., D.T.M. & H. (Cantab.), was appointed to act for him.

18. Mr. S. N. Thosar, B.A., LL.B., was Acting Assessor and Collector upto 24th April 1937 and retired thereafter on account of superannuation. Mr. D. S. Samant, B.A., Dy. Assessor, looked after urgent work from 25th April 1937 to 2nd May 1937 whereafter on the retirement of Mr. N. S. Kowshik, B.A., J.P., the permanent incumbent of the post, on 3rd May 1937, Mr. G. T. Patankar was appointed to the post.

19. Mr. G. T. Patankar held the office of the Superintendent of Licences upto 3rd May 1937, on which date he was promoted to the post of the Assessor and Collector. Mr. L. S. Kagal, B.A. (Hons.), LL.B., Personal Assistant to the Municipal Commissioner, was appointed as Superintendent of Licences in his place.

20. Mr. N. Coombs, L.C.C. (Eng.), Chief Officer, Fire Brigade, was on leave from 3rd February 1938 to 2nd March 1938 and Mr. P. Scully officiated for him during the period.

21. Mr. D. I. Ahmadi, B.Ag. Superintendent of Gardens, was on leave from 12th September 1937 to 11th October 1937 and Mr. R. P. Vedak, G.B.V.C., Assistant Superintendent, Zoo Collection, acted for him during the period.

22. Mr. P. M. Clubwalla, B.A., LL.B., Legal Assistant, went on leave from 1st January 1938 prior to retirement and Mr. M. B. Maniar, B.A., LL.B., was appointed to act in his place from 3rd January 1938.

23. Mr. R. V. Parulekar, M.A., M.Ed. (Leeds), J.P., Secretary, Schools Committee, was on leave from 1st March 1938 to the end of the year and Mr. N. G. Limaye, B.A., L.T., Superintendent, Municipal Marathi Boys' Schools, acted for him.

24. The following Officers continued in their respective appointments throughout the year :—

Dr. Jivraj N. Mehta, M.D. (Lond.), M.R.C.P. (Lond.), Dean, King Edward VII Memorial Hospital and Seth Gordhandas Sunderdas Medical College.

Mr. N. V. Modak, B.E. (Bom.), A.M.I.C.E. (India), M.R.San.I. (Eng.), City Engineer.

Mr. M. R. Tambe, B.A., L.C.E., F.S.A.A., A.I.A., Chief Accountant.

Mr. D. V. Nadkarni, J.P., Municipal Secretary.

Mr. H. M. Abhyankar, L.C.E., Estate Agent and Land Manager.

Mr. D. S. Laud, G.B.V.C., Superintendent of Markets.

Mr. S. N. Chaubal, B.A., Town Duty Officer.

Mr. A. P. Saldanha, B.A., Chief Storekeeper.

Mr. A. H. K. Shaikh, Election Officer.

Mr. D. A. Pai, B.A., Curator, Victoria and Albert Museum.

## III.—Financial.

**General.**

25. The year under review witnessed a slow improvement in world economic conditions, particularly in the first few months. Prices of commodities showed a tendency to rise and international trade appeared to expand in spite of the critical political situation in Europe. There was an increase in industrial activity due to re-armament programmes, but towards the close of the year there was a set-back in world trade on account of the Sino-Japanese War, the Spanish imbroglio, and general deterioration in international relations. Consequently, there was a fall in the prices of raw materials and a decline in industrial production, bringing in its train a recession of trade. The aggregate value of the Bombay Port Trade amounted to Rs. 172 crores as against Rs. 181 crores in the preceding year (a decrease of about 5 per cent), although the total tonnage handled rose by 1·3 per cent. Industrial activity in India was maintained at a high level throughout the year. The political uncertainties which led to the re-armament race in most countries of the world assisted the output in India, and this was particularly so in the case of the Cotton Mill industry. The local textile industry also shared in the improvement and showed marked progress in production as a result of the re-opening of one or two mills that had been closed and extension of night shifts, over 50 per cent of the looms operating double shift at the end of the year. The Bombay Municipality shared in the general improvement as follows :

**Estimates and Actuals of Income and Expenditure.**

26. According to the Budget Estimates, the income, expenditure and deficit for the year were estimated at Rs. 320·96 lakhs, Rs. 329·11 lakhs and Rs. 8·15 lakhs respectively. The actual income realised was Rs. 330·16 lakhs, and the expenditure incurred was Rs. 327·48 lakhs, so that the year ended with a surplus of Rs. 2·68 lakhs. This satisfactory result is due partly to the increase in income from Water by Rs. 3·69 lakhs, from Wheel Tax by Rs. 2·67 lakhs and under Buildings, Land Acquisition and Management by Rs. 1·16 lakhs out of the total increase in income of Rs. 9·20 lakhs, and partly to reduction in expenditure by Rs. 1·63 lakhs appearing under the various heads.

**Variation in Income.**

27. The actual income during the year, *viz.*, Rs. 330·16 lakhs, shows an increase of Rs. 9·58 lakhs over that of the previous year, *viz.*, Rs. 320·58 lakhs. The total increase was Rs. 13·84 lakhs against which there were decreases amounting to Rs. 4·26 lakhs. The main increases were in respect of Tobacco Duty, Rs. 0·21 lakh, Interest and Profit on investment of Surplus balances, Rs. 0·16 lakh, Miscellaneous, Rs. 0·29 lakh, Water Works, Rs. 5·13 lakhs, Education, Primary, Rs. 0·20 lakh, Street Cleansing and Conservancy, Rs. 1·30 lakhs, Roads, Drains and Sewers, Rs. 4·35 lakhs, Buildings, Land Acquisition and Management, Rs. 0·82 lakh, Licences and Removal of Encroachments, Rs. 0·17 lakh, Markets and Slaughter Houses, Rs. 0·47 lakh and contribution from Capital Funds Rs. 0·49 lakh. The main decreases were in respect of General Tax Rs. 0·45 lakh, Town Duties Rs. 1·39 lakhs and Extraordinary Receipts Rs. 2·42 lakhs due to the excess interest on Sinking Funds not being transferred to Revenue owing to the objection raised by Government.

**Details of Expenditure.**

28. The actual expenditure for the year, *viz.*, Rs. 327·48 lakhs shows an increase of Rs. 8·18 lakhs over that of the previous year, *viz.*, Rs. 319·30 lakhs. The total increases in expenditure amounted to Rs. 13·56 lakhs, *viz.*, Rs. 0·97 lakh under General Supervision, Rs. 1·00 lakh under Water Works, Rs. 1·06 lakhs under Education, Primary, Rs. 0·14 lakh under Education, Secondary, Rs. 0·48 lakh under Public Health, Rs. 1·22 lakhs under Medical Relief and Education, Rs. 0·59 lakh under Street Cleansing and Conservancy, Rs. 3·22 lakhs under Roads, Drains and Sewers, Rs. 1·03 lakhs under Mechanical, Rs. 0·68 lakh under Buildings, Land Acquisition and Management, Rs. 0·64 lakh under Fire Brigade, Rs. 0·04

lakh under Licensing, &c., Rs. 0·31 lakh under Markets and Slaughter Houses and Rs. 2·18 lakhs under Contribution towards Improvement Schemes. Against these, the decreases in expenditure amounted to Rs. 5·38 lakhs, *viz.*, Rs. 1·24 lakhs under Provident Fund, Pensions, etc., due to the portion of charges pertaining to the service heads Water Works, Fire Brigade and Markets and Slaughter Houses being transferred to these heads and Rs. 4·14 lakhs under Slum Service which represents extraordinary item.

**Incidence of Taxation.**

29. The incidence of taxation per head for the year was Rs. 23-10-8 against Rs. 22-15-4 for the preceding year.

**Surplus Cash Balance.**

30. The net unhypothecated Surplus Cash Balance on 31st March 1938 (including the minimum required by law), was Rs. 22·87 lakhs against Rs. 21·39 lakhs on 31st March 1937, there being an increase of Rs. 1·48 lakhs.

**Stores on hand.**

31. The balance of stock including surplus and obsolete stores on 31st March 1938 was valued at Rs. 5·90 lakhs against Rs. 4·54 lakhs at the close of 1936-37, showing an increase of Rs. 1·36 lakhs.

**Expenditure Grants.**

32. The total amount of grants (including renewed and additional grants) was Rs. 336·43 lakhs, while the expenditure amounted to Rs. 327·48 lakhs, leaving an unexpended balance of Rs. 8·95 lakhs. Out of this, grants aggregating Rs. 4·10 lakhs are reserved for being renewed for expenditure in 1938-39, while Rs. 4·85 lakhs were treated as savings.

33. Additional grants sanctioned during the year aggregated Rs. 2·96 lakhs against Rs. 1·76 lakhs in 1936-37.

**Loan Works Expenditure.**

34. The expenditure on Capital Works during the year amounted to Rs. 32·31 lakhs. The Revised estimates under this head provided for Rs. 55,45,481 and the Chief Accountant in paragraph 19 of his report draws attention to the great disparity between estimates and actuals. It is usual to hold the Executive Officers responsible for this, since it would appear that they are in the habit of demanding money for more works than they can hope to carry out ; but there are several other factors involved, and it is a matter of great difficulty to foresee exactly how much will be required for Loan Works in a given year. The question is being looked into, and efforts will be made in future to restrict these demands more closely to the capacity of the departments to carry out works.

**Loan floated during the year.**

35. During the year a loan of Rs. 6 lakhs was raised at 3 per cent. interest per annum with 30 years currency and 3 per cent. Sinking Fund basis, the loan being wholly reserved for investment of the Municipal Sinking and Special Funds. In addition to this, advances were taken from the Special Funds to finance the expenditure on Capital Works.

**Loan Liabilities.**

36. Reduction of debt during the year amounted to Rs. 29·67 lakhs. The loan liabilities of the Corporation at the close of the year stood at Rs. 15,62·24 lakhs. The total Sinking Fund required upto 31st March 1938 was Rs. 3,26·13 lakhs but the actual value was Rs. 3,32·43 lakhs as under :—

| | Rs. |
|---|---|
| Public Securities of the Market value of .. .. .. .. | 3,28,56,229 |
| Cash with the Imperial Bank of India .. .. .. .. | 107 |
| Interest accrued on the above securities upto 31st March 1938 .. | 3,86,895 |
| Total .. | 3,32,43,231 |

37. A comparison of the net revenue and the net expenditure for 1936-37 and 1937-38 is shown below in accordance with Standing Committee Resolution No. 12212, dated 3rd February 1892 :—

| Particulars. | 1936-37. | 1937-38. |
|---|---|---|
| | Rs. | Rs. |
| Net revenue after deducting refunds, drawbacks and charges in respect of assessment and collection and granting of refunds :— | | |
| General Tax .. .. .. .. .. .. | 1,22,80,062 | 1,22,40,565 |
| Town Duties .. .. .. .. .. .. | 13,13,783 | 11,74,284 |
| Music, etc., and Liquor Licenses and Tobacco Duty .. | 5,41,855 | 5,63,110 |
| Returns from Property and Miscellaneous .. .. | 11,92,755 | 13,12,910 |
| Water Works .. .. .. .. .. .. | 7,54,281 | 11,66,475 |
| Street Cleansing and Conservancy, Road Watering and Halalkhore Service .. .. .. .. .. | 4,90,906 | 5,65,177 |
| Wheel Tax and Tolls .. .. .. .. .. | 10,74,038 | 14,29,080 |
| Fire Tax .. .. .. .. .. .. .. | 1,83,981 | 1,23,427 |
| Markets and Slaughter Houses .. .. .. .. | 6,29,490 | 6,48,866 |
| Licensing and Removal of Encroachments, &c. .. .. | 2,67,569 | 2,81,202 |
| Contribution from Capital Funds to Revenue on account of Loan Works Staff .. .. .. .. .. | 32,808 | 82,190 |
| Extraordinary receipts .. .. .. .. .. | 3,90,542 | 1,48,288 |
| Total .. | 1,91,52,070 | 1,97,35,574 |
| Net expenditure after deducting receipts— | | |
| General Superintendence .. .. .. .. | 3,66,408 | 3,65,138 |
| Education, Primary .. .. .. .. .. | 26,99,401 | 27,85,436 |
| Education, Secondary .. .. .. .. .. | 40,025 | 53,908 |
| Public Health Department .. .. .. .. | 8,94,579 | 9,38,913 |
| Medical Relief and Education .. .. .. .. | 20,53,710 | 21,70,167 |
| Roads, Drains and Sewers (including Public Lighting) .. | 57,30,912 | 60,10,061 |
| Mechanical .. .. .. .. .. .. | 9,73,505 | 10,74,229 |
| Buildings, Land Acquisition and Management .. | 10,42,260 | 10,64,592 |
| Gardens and Open Spaces .. .. .. .. | 3,52,699 | 3,52,820 |
| Miscellaneous .. .. .. .. .. .. | 1,74,470 | 2,77,319 |
| Contribution towards Improvement Schemes .. .. | 32,22,391 | 34,40,225 |
| Provident Fund, Pensions, Gratuities and Compassionate Allowances .. .. .. .. .. | 10,58,470 | 9,34,532 |
| Slum Service .. .. .. .. .. .. | 4,14,500 | .... |
| Total .. | 1,90,23,330 | 1,94,67,340 |
| Surplus .. | 1,28,740 | 2,68,234 |
| Total .. | 1,91,52,070 | 1,97,35,574 |

## IMPROVEMENT SCHEMES.

### General Account.

**Estimates and Actuals of Income and Expenditure.**

38. The income, expenditure and surplus for the year as per Budget Estimates B were Rs. 1,02·33 lakhs, Rs. 1,00·71 lakhs and Rs. 1·62 lakhs respectively, the corresponding actuals being income Rs. 1,02·56 lakhs, expenditure Rs. 96·88 lakhs and surplus Rs. 5·68 lakhs.

**Variations in Income.**

39. The actual income for the year, *viz.*, Rs. 1,02·56 lakhs shows an increase of Rs. 2·25 lakhs over that of the preceding year, *viz.*, Rs. 1,00·31 lakhs. The main items contributing to the increase were (1) Contribution from the Corporation Rs. 2·18

lakhs, (2) Tobacco Duty Rs. 0·64 lakh and (3) Miscellaneous Receipts Rs. 0·34 lakh partly set off by a decrease under (1) Rents and other proceeds of properties Rs. 0.64 lakh and (2) Interest and profit on Investments Rs. 0.27 lakh.

**Details of Expenditure.**

40. The actual expenditure for the year, *viz.*, Rs. 96·88 lakhs shows a decrease of Rs. 2·27 lakhs, over that of the previous year, *viz.*, Rs. 99·15 lakhs. The decrease is made up of Rs. 0·13 lakh under Maintenance of Properties and Streets and Rs. 2·14 lakhs under Debt Charges.

## CAPITAL ACCOUNT.

**Expenditure on Schemes.**

41. The expenditure on Capital Works during the year amounted to Rs. 9·50 lakhs.

**Loan floated in the year.**

42. During the year no loan was raised.

**Loan Liabilities.**

43. Reduction of debt during the year amounted to Rs. 36·47 lakhs. The loan liabilities of the Improvement Schemes at the close of the year stood at Rs. 16,71·06 lakhs. The total Sinking Fund required upto 31st March 1938 was Rs. 2,00·18 lakhs, but the actual value was Rs. 2,29·29 lakhs as under :—

| | Rs. |
|---|---|
| Public Securities of the Market value of .. .. .. .. | 2,28,13,199 |
| Cash with the Imperial Bank of India .. .. .. .. | 351 |
| Interest accrued on the above securities upto 31st March 1938 .. | 1,15,134 |
| Total .. | 2,29,28,684 |

## IV.—Assessment and Collection.

**Rates of Taxation.**

44. The rates of taxation were the same as in the preceding year, *viz.*, General Tax including Fire Tax at 11½ per cent., Water Tax at 3¾ per cent. and Halalkhore Tax at 3 per cent. The rates for the supply of water by meter measurements were also the same as in the previous year except in the case of Thana Municipality and Bhandup in which the rate was reduced from As. 14 to As. 10 per 1,000 gallons.

**Number of Properties.**

45. The total number of properties, which include buildings, salt pans and lands including tanks and wells registered in the Assessment Book at the close of the year was 48,207 against 48,164 in the preceding year. The number of buildings rose from 38,716 to 38,868 and that of lands including tanks decreased from 9,378 to 9,269 while the number of salt pans remained the same, *viz.*, 70. Properties newly erected, demolished and enlarged numbered 1,152, 769 and 823 respectively against 1,049, 646 and 698 in the previous year. Out of the total number of properties in the City 38,050 were assessed to General Tax, 1,385 were exempted from it and 7,057 were not taxed, being small plots of waste land. These last do not include lands belonging to Government, the Port Trust or the Railways which are separately assessed. The number of Municipal properties exempted from the General Tax was 1,088 against 1,148 in the preceding year.

**Demand, Collection and Outstandings.**

46. The net demand in respect of property taxes was Rs. 304·80 lakhs, collection Rs. 245·45 lakhs and outstanding at the close of the year Rs. 59·35 lakhs against Rs. 293·87 lakhs, Rs. 236·96 lakhs and Rs. 56·90 lakhs respectively in the preceding year. The net demand in respect of wheel tax amounted to Rs. 10·85 lakhs and the collection to Rs. 9·03 lakhs, leaving an outstanding of Rs. 1·82 lakhs against Rs. 9·55 lakhs, Rs. 8·2 lakhs and Rs. 1·35 lakhs respectively in the preceding year. The total outstandings at the close of the year thus amounted

to Rs. 61·17 lakhs against Rs. 58·26 lakhs in the preceding year. This balance however stood reduced to Rs. 49·01 lakhs on 30th June 1938 on account of the collection of a sum of Rs. 11·35 lakhs and the recall and cancellation of bills amounting to Rs. 0·80 lakh. Of these outstandings, Rs. 8.47 lakhs are due from Government, Rs.0·01 lakh from the Port Trust, Rs. 0·16 lakh from Improvement Account, Rs. 15·81 lakhs from the G. I. P. Railway, Rs. 11·19 lakhs from the B. B. & C. I. Railway, Rs. 1·87 lakhs from Mills and Rs. 23·66 lakhs from other rate-payers. Some of these outstandings are merely nominal. The dues from Government are usually received after the close of the year. Out of Rs. 7,84,084 shown as outstanding Government have so far paid a sum of Rs. 4,11,635 leaving a balance of Rs. 3,72,449 to be adjusted subsequently when the question of allowing exemption in respect of educational and medical institutions belonging to them is finally settled. The question of levying of water and halalkhore taxes in respect of Government bungalows was finally settled by Government and payment is expected shortly. The amount due from the Port Trust is in respect of Special Halalkhore Tax and is expected to be paid shortly. The outstandings in respect of Improvement Schemes are only a matter of departmental adjustment. The balance due from the two Railways represents the amount of taxes on the difference between the old and revised values, the Railways having paid on the basis of the old valuation. The revised values are, however, not final in view of the developments mentioned in paragraph 50. The amount due from the Mills includes dues in respect of two mills of the Currimbhoy Group, which have gone into voluntary liquidation and the Modern Mills. The dues have been partially recovered and for the balance, action has been taken. Out of the outstandings of Rs. 23·66 lakhs from other ratepayers, a sum of Rs. 2·60 lakhs is the subject of suits filed or to be filed, Rs. 0·76 lakh is payable by the Court Receiver and the Official Assignee and Rs. 0·67 lakh payable by monthly instalments by rate-payers who have been allowed the concession in consideration of their financial difficulties. Thus outstandings aggregating Rs. 41·61 lakhs were beyond the control of the ward staff. The percentage of oustandings to the net demand during the year was 19·3 against 18·7 during the preceding year and if account is taken of the factors beyond the control of the ward staff it is 6 per cent. against 5·5 per cent. in the preceding year. It would therefore appear that on the whole the collections are satisfactory.

**Drawbacks and Refunds.**

47. The number of claims for 1/5th drawback received during the year was 10,729 against 10,403 for the preceding year and the rebate allowed amounted to Rs. 3·25 lakhs against Rs. 3·11 lakhs in the preceding year. Refund of taxes was allowed in 3,067 cases involving an amount of Rs. 11·16 lakhs against Rs. 7·15 lakhs for the preceding year. This includes Rs. 7·10 lakhs refunded to Bombay Port Trust and Rs. 1·23 lakhs refunded to Mills on account of over-collection.

**Rateable Value.**

48. The rateable value of properties in the City at the close of the year was Rs. 13,62·70 lakhs against Rs. 13,31·56 lakhs in the previous year. This is due to the construction of new buildings and the systematic revaluation of old properties. There were 656 complaints against assessments amounting to Rs. 44·93 lakhs fixed during the currency of the year; on investigation these assessments were reduced to Rs. 41·59 lakhs. There were 3,800 complaints against original assessments involving an amount of Rs. 2,07.87 lakhs, which on investigation was reduced to Rs. 198·58 lakhs. The percentage of reduction in these cases amounted to 7·42 and 4·47 against 8·56 and 4·94 respectively in the preceding year. There were 98 appeals against rateable values to the Chief Judge, Small Causes Court, out of which 38 were settled out of Court, 48 decided by the Court, 8 dismissed, and 4 are pending.

**Riot Tax.**

49. Out of the total amount of Rs. 28·5 lakhs to be collected in respect of riot tax in connection with riots that broke out between 1929 and 1933, a sum of Rs. 25·43 lakhs was collected up to the close of the year, leaving a balance of Rs. 3·06 lakhs.

**General.**

50. It will be remembered that a representation had been made last year to Government of India (Railway Department) against the decision of the Arbitrator appointed by them under Section 135 of the Indian Railways Act in connection with the assessment of the properties of the two Railways, G. I. P. and B. B. & C. I. Government have now decided that for the years 1937-38 and 1938-39, the two Railway Administrations should pay taxes on the basis of the Arbitrator's Award, that for the previous years the complaints now pending should be investigated in the usual way and that another Arbitrator would be appointed by them to determine the taxes payable by the Railways from the year 1939-40 onwards. Owing to the heavy increase in the work of this Department, consequent on the development and expansion of the City and the increased building activity, some additional staff was sanctioned.

During the year, the Department co-operated with the City Engineer's Department in the preliminary work in connection with affixing Street Nos. on properties.

## V.—Town Duties.

**Revenue from Town Duties.**

51. The rates on all articles liable to town duty continued to be the same as in the previous year, *i.e.*, at the maximum rates mentioned in Schedule H. The net receipts amounted to Rs. 14·12 lakhs against Rs. 14·99 lakhs in the preceding year. The fall of Rs. 0·87 lakh is mainly due to refunds granted during the year on sugar and ghee substitutes, which were heavily imported at the end of the preceding year and to the establishment of several Sugar factories in India. There was a decrease of Rs. 2·11 lakhs in the net receipts from sugar and ghee substitutes, while receipts from grain, wines and spirits, beer, ghee and timber recorded an increase of Rs. 1·25 lakhs. The net revenue from Town duties was approximately 4 per cent. of the total income of the Municipality against 4·68 per cent in the preceding year.

**Refunds.**

52. The total number of claims for refund received during the year was 50,602 and the amount refunded was Rs. 10·60 lakhs against 45,812 claims and Rs. 10·71 lakhs refunded in the preceding year.

**Miscellaneous.**

53. Hitherto no refund on exports of Sugar Candy manufactured in Bombay was allowed, but it came to be allowed from 20th December 1937. Town Duty on "Plywood" which was being hitherto recovered in the belief that it fell in the category of "Timber" was discontinued from 20th January 1938 as the High Court ruled in a revision application No. 396 of 1937 that it did not do so. A draft bill has therefore been submitted to Government for amending Schedule H to the Act by inclusion therein of "Plywood and other kinds of wood prepared by artificial process." Government have also been approached to amend Schedule H to the Act by enhancing the existing rates of Town Duty on wines, spirits and Beer and including therein Tea, Coal, Dates, Cement, Iron, and Steel, Paper and Petrol. If this is done the revenue from Town Duties would be increased by about Rs. 13·84 lakhs.

## VI.—Election Department.

54. The new Election Department was started on 1st March 1937. The lowering of the franchise from 10 rupee rental to 5 rupee rental of which mention

was made in the last report increased the Voters from 1,40,681 to 2,49,720. A noteworthy event during the year was that the life of the Corporation was extended by one year to enable Government to introduce a Bill in the Legislative Assembly for revising the constitution of the Corporation, widening the Municipal franchise and abolishing nominations. By Act XIII of 1938 Government have done away with nominations on the Corporation and Committees thereof, divided the City into 19 wards for the purpose of Municipal Elections of 1939 and introduced adult franchise in the City with effect from 1st April 1941.

## VII.—Public Works.

### Architectural Branch.

**Repairs and Maintenance of Municipal and ex-Trust Buildings.**

55. The total number of Municipal and ex-Trust properties was 2,089, of these 577 originally belonged to the Municipalty, 149 were acquired in connection with Municipal Development schemes and the rest belonged to the Ex-Trust. 145 buildings out of the above were demolished during the year being either in unsound condition or absorbed in development schemes. The rates of contractors for repairs and petty works painting, colour and whitewashing and monsoon repairs were $2\frac{1}{4}$ per cent. below schedule rates for Division No. I and $6\frac{1}{4}$ per cent. above schedule rates for the remaining two Divisions. The total cost of works entrusted to the contractors amounted Rs. 2·42 lakhs and that of work executed departmentally to Rs. 2·03 lakhs. The most important works carried out during the year were the construction of a school building and 300 S.P. sheds at Dharavi and 38 S.P. sheds at Parel village. The most important works in progress were the construction of (1) a ward, Nurses' Quarters and Store Room at the Arthur Road Hospital, (2) Lady Students' Hostel at G.S.M. College, (3) Additional storey over ward pavilions Nos. 2 and 3 of the K.E.M. Hospital, (4) 76 Rooms at Kasarwadi, Dadar, (5) A new Fire Brigade Station at Gunbow Street and (6) a wholesale market at Gold Mohur Castle, Byculla. Compilation of the inventory of Municipal properties continued during the year, the entries of properties in F and G wards being revised and brought up to date and plans relating to them being prepared.

### Building Branch.

**Private Building Construction.**

56. The boom in building activity continued during the year. The total number of applications received for the erection or alteration of buildings was 4,807 against 3,904 in the previous year. The number of one room tenements newly constructed during the year was 4,458 of two room tenements, 3,631 and of blocks 2,079 against 5,015, 2,561 and 1,445 in the preceding year. Against this should be set off the number of tenements demolished, *viz.*, one room 2,141, two room 126 and blocks 107. The number of prosecutions launched against house owners for enforcement of building regulations was 1,610 of which 826 were withdrawn on compliance with requisitions, 459 resulted in conviction and 248 were either postponed or not taken up for hearing, against 1,980 prosecutions, 1,186 withdrawals, 363 convictions and 431 postponed or unheard cases in the previous year.

**Setbacks and stall boards.**

57. Setbacks valued at Rs. 5·74 lakhs were acquired and paid for during the year against Rs. 3·4 lakhs in the preceding year. The liability outstanding in respect of setbacks sanctioned was Rs. 20·17 lakhs against Rs. 8·8 lakhs in the previous year. It will be necessary to allocate larger amounts from year to year for this purpose as acquisition of setbacks in congested localities helps much in clearing slums. Costly setbacks are being paid for in two or three annual instalments.

**Stall-boards.**

58. The total number of stall-boards and weather frame projections permitted during the year was 7,073 and the fees recovered amounted to Rs. 1·23 lakhs against 5,656 and Rs. 1·03 lakhs respectively in the preceding year. The problem of controlling stall-board projections on streets has become the subject of controversy in the Press; while pedestrians do not like them, the shop-keepers are keen on retaining them.

**Building bye-laws.**

59. A special officer has been appointed to overhaul Building Regulations and Bye-laws and the work is in progress.

## Mechanical Branch.

**Workshops.**

60. The turnover of the workshops was valued at Rs. 2·64 lakhs against Rs. 2·52 lakhs in the preceding year. Of this, the cost of works done for private parties amounted to Rs. 1,763 and the rest was for departmental works. The number of jobs carried out during the year was 5,408 against 4,814 in the preceding year. The cost of the upkeep of the shops during the year amounted to Rs.0·23 lakh and the overhead charges amounted to Rs.0·44 lakh, against Rs.0·23 lakh and Rs.0·50 lakh respectively in the preceding year. The total expenditure on the upkeep of the shops and the overhead charges amounted to Rs.0·67 lakh, which gives a proportion of 25·6 per cent. to the expenditure incurred on labour and stores used in the execution of works as against 29·8 per cent. in the preceding year. With this result, the workshop can be said to have attained a degree of efficiency, which can bear comparison with any other industrial workshop in the city, private or public.

**Pumping Stations.**

61. The average quantity of sewage pumped at Love Grove during dry weather amounted to 60 million gallons per day. In the monsoon, it varied from 2 to 4 times the dry weather flow. The total working cost of this Station was Rs.1·24 lakhs against Rs.1·27 lakhs, Rs.1·40 lakhs and Rs.1·61 lakhs in the preceding three years. The cost in terms of sewage pumped was Rs.5·36 per million gallons against Rs.5·4, 5·9 and 7·4 in the preceding three years. A thorough examination of the Love Grove outfall was carried out during the year. No further damage to the upper part of the outfall was recorded, but the undermined portion continued to cause considerable anxiety. A detailed scheme is being prepared after careful investigation and consideration. The Matunga Pumping Station has now developed into one of major importance and the amount of sewage to be dealt with has far exceeded expectations owing to the rapid development of the surrounding areas. During the monsoon the sewage pumped amounted to 12 million gallons per day; the dry weather flow average 3¼ million gallons per day. The pumping stations at Poibavdi, Parbhadevi and Arthur Road also worked satisfactorily. They pumped 334 million gallons and their working cost amounted to Rs. 13,211, *i.e.*, about Rs. 39 per million gallons. The Dadar Purification Plant was worked day and night, the average quantity of sewage treated being 2·1 million gallons per day. Experiments on the keeping quality of the Activated Sludge used for injection have shown that owing to climatic conditions, consolidation of Activated Sludge in the final settlement tanks is not possible in Bombay particularly in dry months. Larger Activated Sludge return capacity is now provided and consequently the trouble of the Sludge getting septic is under better control. The preliminary settling, the aeration and the final settlement tanks were completed in December 1937 and brought into use to cope with the additional volume of sewage from January 1938. As a result, the entire volume of sewage received at Matunga Pumping Station is being treated at Dadar Works and no sewage is now discharged into Mahim Creek.

**Compressor and Ejector Stations.**

62. There were 19 ejector stations in different parts of the City, which were operated by 4 compressor stations at (1) Fergusson Road, (2) Victoria Gardens, (3) Warden Road, and (4) Colaba. The static condensers installed at the first two compressor stations continued to work satisfactorily. The total quantity of sewage lifted at the various

ejector stations amounted to 5,551 million gallons during the year. The decentralization of the compressor stations has resulted not only in increasing the efficiency of the system but also in effecting considerable savings, as can be seen from the fact that the total working expenditure on compressors and ejectors during the year under report was Rs. 1·84 lakhs against Rs. 1·87 lakhs in the previous year and Rs. 2·24 lakhs in the year 1933-34. The construction of the Station at Tank Bunder is nearing completion.

**Motor Transport and Steam Rollers.**

63. The motor fleet maintained during the year for various services consisted of 95 vehicles exclusive of those under the Chief Officer, Fire Brigade (which includes 6 ambulances and one car for himself) and 3 cars (for Municipal Commissioner, Health Officer, and Committees) and 2 buses maintained by the Schools Committee. The total mileage covered by the 95 vehicles was 10,82,703 and the cost of their maintenance was Rs. 4·08 lakhs. The number of steam rollers was 32 and the total expenditure on them was Rs. 0.63 lakh.

## Works Branch.

### *I.—Construction.*

**Cost of Works.**

64. The cost of works carried out departmentally and by contract amounted to Rs. 3·05 lakhs and Rs. 3·03 lakhs against Rs. 0·82 lakh and Rs. 1·25 lakhs respectively in the preceding year.

**Roads and Footpaths.**

65. Out of a total length of 256·54 miles of public roads in the City, 36·68 miles have been asphalted by the Municipality and 11·48 miles by the late C. I. Trust. The length of roadway asphalted by the Municipality during the year was 0·629 miles. An area of 6,407 square yards was concreted during the year at a cost of Rs. 37,268 bringing the total area of concrete roads in the City to 88,669 square yards. As already pointed out in the last report a new policy has been laid down by the Corporation for paving footpaths. The actual provision made in the Budget was, however, far less than the provision proposed under the new policy and if such conservation is continued it may take a number of years to get all the existing footpaths paved. As regards Ex-Trust roads it has been decided to adopt blue stone slabs for paving footpaths. In accordance with this policy several footpaths were so paved during the year.

**Private Streets.**

66. Action for the improvement of 15 private streets was taken during the year and 4 were declared public against 23 and 2 respectively in the preceding year. In addition to this, 39 more streets which were considered as private hitherto were declared public without resort to statutory action in accordance with the Court decision to declare public those Streets in which Sewers and Drains were laid prior to 1888. The total expenditure on the improvement of private streets during the year was Rs. 19,148 and the total recoveries made from house owners for improvements was Rs. 16,515 against Rs. 15,560 and Rs. 13,341 respectively in the preceding year.

### *II.—Maintenance.*

**Drains, Sewers and Road Repairs.**

67. Of the 145·80 miles of pipe sewers, 108·18 miles were cleansed; of the 17·18 miles of ovoid sewers, 15·15 miles were scraped; of the 197 miles of storm water drains, 22·46 miles were cleared of silt. The Corporation have approved of a scheme costing Rs. 9 lakhs to remodel a number of old subsidiary storm water drains which are not working satisfactorily. Similarly they have approved of a scheme costing Rs. 1·76 lakhs for replacing the old pattern water entrances by those of modern type. A scheme costing Rs. 9·59 lakhs has also been submitted for the remodelling of the existing sewerage facilities in Colaba. A scheme costing Rs. 7

lakhs to reduce the surcharging of sewers in the area served by the Clerk Road sewer has also been submitted to the Corporation. The cost of the above projects being very large it is proposed to spread it over a number of years in each case. The total cost of repairing and maintaining water-bound roads, kutcha footpaths and roads treated with the permanent mode of construction amounted to Rs. 2.32 lakhs including the expenditure incurred on watering the road-side trees and washing benches. The total expenditure on bituminous operations came to Rs. 3.80 lakhs against Rs. 3.53 lakhs in the preceding year.

**Roadside Lettings and Way-leave.**

68. The ground rent recovered in respect of temporary lettings of roadside lands, footpaths, etc., amounted to Rs. 0.23 lakh. The amount of rent for tramway tracks and way-leave in respect of telephone wires came to Rs. 1.34 lakhs. Receipts on account of fees for the use of roads for stacking building materials and putting up scaffolding totalled Rs. 0.64 lakh.

**Stone Crushers.**

69. The stone crushers at Sewri and Love Grove were working economically throughout the year. During the year an additional crusher was installed at Sewri.

**Traffic Islands.**

70. The construction of traffic Islands at (1) Esplanade Road, opposite the Army & Navy Stores, (2) Esplanade Road, opposite Queen's Statue, (3) Gowalia Tank Road near Nana's Chowk and (4) Byculla was taken in hand.

**Public Lighting.**

71. The following statement shows the number of lamps under each class, the expenditure incurred thereon for the year of report compared with the preceding year :—

| Lamps. | 1936-37. | | 1937-38. | |
|---|---|---|---|---|
| | No. | Cost. | No. | Cost. |
| | | Rs. | | Rs. |
| Gas .. .. .. .. .. .. | 7,444 | 6,34,503 | 7,610 | 6,61,311 |
| Electric .. .. .. .. .. | 1,490 | 2,65,907 | 1,627 | 2,72,936 |
| Bannister (1.0 lamps) .. .. .. | 189 | 37,183 | 211 | 32,593 |
| Kerosene Oil .. .. .. .. | 20 | 714 | 20 | 214 |
| Total .. | 9,143 | 9,38,307 | 9,468 | 9,67,054 |

In addition, Rs. 0.92 lakh were spent on erecting new lamps and improving others. The total cost on lighting was thus Rs. 10.59 lakhs against Rs. 10.01 lakhs in the preceding year. The 20 Kerosene Oil lamps were replaced by electric lamps during the year, the initial expenditure being met partly from Municipal funds and partly from a contribution made by the residents of the locality. Improvement of lighting of street junctions was continued, 'Spot-lights' being introduced at some of the important junctions to make the traffic constable easily visible from a distance. Directional lamps were provided at certain crossings and junctions for the safety and convenience of vehicular and pedestrian traffic.

**Sewerage Scheme for the North of the Island.**

72. Works which were completed or being carried out during the year under report in connection with the Drainage Scheme for the North of the Island consisted of (1) Main Gravitation Sewers, (2) Rising mains, (3) Pumping Stations, (4) Purification Works and (5) Subsidiary sewers. The surplus activated and raw sludge continued to be

digested in the Digestion Tank. From the laboratory experiments conducted, it was found that sludge gas could be utilized for heating, lighting and power. It was therefore proposed to take over 15 gas lamps on the road leading to the Purification Works from the Bombay Gas Co., and light them with the sludge Gas. A gas main and some gas lamps were purchased from the Co. and the lamps lighted with the sludge gas. It is also proposed to supply a portion of this gas to the K. E. M. Hospital by laying a 6″ C. I. Gas main from the Purification Works to the Hospital. It is also proposed to supply this gas to the other Hospitals in the vicinity.

**Slum Clearance and Improvement.**

73. Among the Works carried out in pursuance of the slum service scheme mention may be made of the construction of S. W. drains and roads in Worli Koliwada at a cost of Rs.60,000.

## VIII—Estate and Land Management.

**Acquisition cases and High Court references.**

74. There were 4 outstanding cases at the end of the year and the compensation that is estimated in respect of the area which still remains to be acquired in these cases amounts to Rs. 0·7 lakh. The following improvement schemes were approved by the Corporation and notified during the year :—

(1) Scheme No. 72 Tripartite Road Improvement scheme.

(2) Scheme No. 73 Palton Road Improvement scheme for accommodating poor and Working classes, and

(3) Scheme No. 74 Sion overbridge Improvement scheme.

15 references were pending in the High Court in respect of damages claimed for denotification of properties at Dharavi and Worli and the total claim involved amounted to Rs.21·32 lakhs. Of these 7 Dharavi references for which a total claim of Rs. 7·41 lakhs was made on behalf of the claimants were amicably settled during the year for a sum of Rs. 1·38 lakhs including interest.

**Changes in the Trust Schemes.**

75. The area of permanently leased land increased during the year from 32·02 lakhs square yards to 33·90 lakhs square yards and the rent in respect thereof from Rs.29·3 lakhs to 30·3 lakhs. The area of developed land remaining to be leased was 7·99 lakhs square yards against 9.25 lakhs square yards in the preceding year. The area of undeveloped land was reduced from 70·71 lakhs square yards to 70·10 lakhs square yards. The net result was that out of a total of 2,879 acres vested in or acquired by the late City Improvement Trust, about half remained to be developed ; of the developed area about 1/5th remained to be leased.

**New residential accommodation.**

76. The new residential accommodation made available on ex-Improvement Trust Estates during the year, excluding shops and other non-residential quarters, amounted to 3,436 tenements, of which 3,127 were provided by lessees. The total number of tenements provided hitherto in all the Trust Estates including those erected by the Development Department and Mills was 61,868, while the number demolished was 36,317 leaving an excess of 25,551 against 23,403 in the preceding year. Vacancies in the pre-war and post-war chawls were few. The number of members of the Municipal menial staff who were provided with rent free quarters in the ex-Trust chawls in lieu of house rent allowance increased from 393 to 417.

**Disposal of C.I.T. plots.**

77. The number of plots let was 144 comprising an area of 39 acres and valued at Rs. 33·05 lakhs. The corresponding figures for the preceding year were 225 plots, 62·9 acres and the value Rs. 45·22 lakhs. Eight plots having an area of 827 square yards were sold outright for Rs. 9,920 and one plot was resumed. The net number of plots thus disposed of upto the end of the year was 2,796, comprising an area of 740 acres valued at Rs. 790·12 lakhs and yielding an annual rental of Rs. 30·29 lakhs

against 2,546 plots comprising an area of 701 acres valued at Rs. 757·41 lakhs and yielding an annual rental of Rs. 29·29 lakhs. During the year, the Corporation sanctioned transfer of about 68,000 square yards of land in scheme No. 57 for the construction of a Tuberculosis Hospital.

**Rent collection and outgoings.**

78. The total number of acquired buildings at the end of the year was 836 containing 6,297 tenements against 871 containing 6,552 tenements at the end of the preceding year. The rent realised from these buildings was Rs.5·86 lakhs against Rs. 6 lakhs in the preceding year. Rents from temporary structures amounted to Rs. 2·68 lakhs against Rs. 2·77 lakhs in the previous year. Rent from lands let out for storing materials, including sundry revenue amounted to Rs. 0·09 lakh against Rs. 0·05 lakh in the previous year: and that from lands let for cultivation was Rs. 0·45 lakh against Rs. 0·58 lakh in the preceding year. The decrease of Rs. 0·32 lakh in the temporary revenue as compared with the previous year is mainly due to the demolition of acquired buildings and disposal of land on permanent lease. The total number of rooms (including shops, godowns, etc.) in the ex-Trust Chawls was 10,074 and their full letting value Rs. 9·38 lakhs. As against this, the net demand after making allowance for vacancies and concessional rents was Rs. 8·47 lakhs, against which the actual collection was Rs. 8·27 lakhs which is equivalent to Rs. 97·63 per cent. of the net demand against 101·28 per cent. in the preceding year. The number of rooms in the semi-permanent sheds was 2,615, and the net demand (after excluding vacancies) in respect of them was Rs. 1·18 lakhs against which the actual collection amounted to Rs. 1·14 lakhs, which is equivalent to Rs. 97·12 per cent. of the demand against 98·53 per cent. in the preceding year. The percentage of outgoings to the full letting value of chawls (permanent) was 51·33 against 50·36 in the preceding year, of which 6·41 per cent was due to vacancies. The net outgoings thus amounted to 44·92 per cent. only, which includes rates, repairs and cost of management and lighting charges. In the case of semi-permanent sheds, including labour camps, the outgoings were 96·14 per cent. against 123·83 per cent. in the previous year. The net annual income from the permanent chawls was Rs.4·56 lakhs (or 3·07 per cent. of the capital cost), while the interest and sinking fund charges amounted to Rs.8·67 lakhs, showing a loss of Rs. 4·11 lakhs or Rs. 40·82 per room per annum. The rents charged per room in these chawls ranged from Rs. 4-15-0 to Rs. 35.

**Total revenue collections.**

79. The total revenue demand including arrears was Rs.67·00 lakhs and collections amounted to Rs. 49·52 lakhs, Rs.3·90 lakhs being written off. The corresponding figures for the previous year were Rs. 65·78 lakhs, Rs.49·51 lakhs and Rs.0·13 lakh respectively. The arrears that remained to be collected at the close of the year thus amounted to Rs. 13·58 lakhs, which works out to 20 per cent. of the total demand against Rs. 16·14 lakhs and 25 per cent. respectively in the preceding year.

**Ejectments.**

80. During the year, 1,395 ejectment suits were filed against tenants who had run into arrears of rent, against 1,596 in the preceding year. Of the total cost of Rs.0·14 lakh incurred on these suits, the amount of Rs. 0·10 lakh was recovered. Most of these tenants absconded after the suits were filed.

**Sale of Municipal Land.**

81. The demand for Municipal plots was as keen as in the preceding year. The total number of plots disposed of during the year was 150, comprising an area of 99,340 square yards and having a capital value of Rs. 21·38 lakhs against 110 plots, 75,147 square yards and Rs. 29·66 lakhs respectively in the previous year. Out of the 150 plots disposed of, 60 of the capital value of Rs. 7·12 lakhs were sold outright, and the rest represent the number of plots leased, their capital value being Rs. 14·26 lakhs. In the Hornby Ballard scheme 2 plots were sold and 4 leased. The former realised a sum of Rs. 0·92 lakh. The total rent realised from this scheme during the year amounted to Rs. 0·98 lakh against a recovery of Rs. 1·79 lakhs in the preceding year. The drop in the rent collection is due to vacancies in buildings

ear-marked for demolition by reason of their standing on plots agreed to be sold. A housing scheme providing for the construction of permanent chawls in the Palton Road Estate has been approved by the Corporation. The Corporation have also sanctioned the terms of settlement regarding the exchange of Municipal land with the Government of India land in connection with the widening of 1st Marine Street and have also approved of the acquisition of the private properties in connection therewith; and Government have notified the acquisition of private properties.

**Rent and Outstanding of Properties.**

82. The aggregate demand in respect of rents from Municipal and Ex-Trust properties acquired in connection with the development and housing Schemes and ground rent in respect of plots leased was Rs. 55·37 lakhs, which together with previous arrears amounted to Rs. 73·87 lakhs as against Rs. 54·38 lakhs and Rs. 72·75 lakhs respectively in the preceding year. The collections amounted to Rs. 53·03 lakhs (73·1 per cent.) and writes off 3·9 lakhs (5·3 per cent.) leaving arrears to the extent of Rs. 15·94 lakhs (21·6 per cent.) against Rs. 54·11 lakhs (74·4 per cent.), Rs. 0·13 lakhs (0·2 per cent.) and Rs. 18·5 lakhs (25·4 per cent.) in the preceding year.

## IX.—Water Works.

**Water Supply.**

83. The total quantity of water supplied to the City and the Suburbs during the year from various sources amounted to 35,253 million gallons. Of these, 34,718 million gallons (30,015 million gallons from Tansa, *i.e.*, 86 per cent. and 4,703 million gallons from Vehar, *i.e.*, 14 per cent.) were supplied to the City, while 535 million gallons from Tulsi were exclusively supplied to the Suburbs. All the lakes supplied water throughout the year except Powai which remained unused as before. The average supply per day was 96·59 million gallons, which amounted to 80·85 gallons per head per day for all purposes, *i.e.*, 4·18 million gallons per day and 3·60 gallons per head more than the preceding year. When the lakes were overflowing, unrestricted supply of an average of 105 million gallons per day was given for more than two months as an experimental measure and it was found that complaints of short supply were reduced. The approximate quantity of water used for various purposes was 7 per cent. for Mills, 3 per cent. for Railways and Port Trust, 3 per cent for suburbs, 16 per cent. for Leaks and other unaccountable losses, 62 per cent. for domestic supply and 9 per cent. for other purposes such as drainage and sewerage works, public conveniences, Hospitals, charitable institutions, milch cattle and other stables, gymkhanas and playgrounds, race course, laundries, hotels, fire purposes, road watering, gully flushing, etc.

**Rainfall.**

84. The rainfall at all the lakes, *viz.*, Tansa, Vehar, Tulsi and Powai was above the average of the preceding Quinquennium. The lakes overflowed for 62, 56, 87 and 94 days respectively.

**Trunk and Distributory Mains.**

85. 197 miles of Trunk Mains of various sizes consisting of Steel and Cast Iron Mains and masonry Duct including nine Venturi meters, 157 hand operated sluice valves, 9 hydraulically operated sluice valves, 50 pressure recorders, 26 burst alarms and 121 air valves were maintained during the year. 339 miles of distributory water mains of various sizes were also maintained within the City. There was one burst during the year on the 24″ Tulsi Main outside Bombay and 33 bursts on various water mains in the City.

**Embankment and Trolley Track.**

86. 118 miles of Embankment including cuttings carrying the pipe lines and Trolley Track (53½ miles) were maintained. Out of 80 miles of Trolley Track 26½ miles are in a state of dis-repair for want of funds.

87. The entire supply from Tansa Lake was chlorinated at Bhandup while the Vehar supply was chlorinated at the source, at a cost of Rs.2·4 per million gallons. Tulsi supply was treated with alum and then chlorinated at the source, the cost of which was borne by Government, as the supply is used entirely for the Suburbs. Fortnightly Bacteriological and Analytical tests of all the lake waters after chlorination were satisfactory.

**Sterilisation of Water.**

88. For distribution purposes, the City was divided into three Main Divisions (1) South and West, (2) East and (3) North, which were supplied from Malabar Hill Reservoir, Bhandarwada Hill Reservoir and directly from the Trunk Mains respectively. In the first two cases the supply was restricted at certain hours; whereas in the last case a constant supply was given. The high level area of Ridge Road, Gibbs Road and Altamount Road were supplied from the high level Tank.

**Distribution of Water in the City.**

89. The Gardens along the slopes of Gibbs and Ridge Roads, Sir Pherozeshah Mehta Gardens and Joseph Baptista Gardens at Bhandarwada and four gardens at the lakes were maintained during the year.

**Gardens.**

90. The total number of water connections to different premises in the City was 42,342, the new connections numbering 1,672. 164 prosecutions were launched for infringement of the provisions of the Municipal Act and for violating Bye-laws relating to Water Works. 1,025 items of work such as giving connections, etc., to private parties were carried out at Parties' cost to a value of Rs.27,215.

**House connections within the City.**

91. 78 Drinking Fountains, 38 Cattle troughs and 7 stand pipes were open to the general public and were maintained during the year.

**Fountains and Cattle Troughs.**

92. The estimated revenue resulting from the extra charge for water used for building purposes was Rs. 1,71,477 as against Rs. 1,01,602 of the preceding year.

**Extra charge for water used for building purposes.**

93. 17,531 defects, 9,957 underground and 7,574 aboveground were detected and repaired. The total length of water Mains tested for leakage by Deacon's meters and by sounding was 476 and 159 miles respectively. The number of notices issued to the owners of private premises for defects in Water fittings was 4,887.

**Defects in water mains and their testing.**

94. To prevent wastage of water 51,284 leaky taps were rewashered in private premises at Municipal cost.

**Rewashering of Taps.**

95. The Maintenance Branch Workshop carried out throughout the year repair and the testing works pertaining to Water Works Department. 96,831 Water Works fittings were tested and the revenue derived therefrom was Rs. 3,686. 2,348 Meters of different sizes were in use and were maintained. The number of meters replaced was 909 and of those repaired was 1,174. The revenue from hire of meters was Rs.67,745.

**Maintenance Works.**

96. About 8 miles of Distributory Mains of different sizes were laid out of the Loan Works Fund.

**Loan Works.**

97. The taking of exploratory borings in the Tansa Dam with a view to ascertaining the presence of uplift pressure at the base of the Dam and the quality of masonry forming the hearting of the Dam was carried out during the year. The results did not warrant any apprehension as regards uplift pressure or the quality of masonry. Steps to prevent leaks and guard against eroding action will have to be taken. A complete report with recommendations to make the Dam watertight is being submitted.

**Exploratory borings in Tansa Dam.**

98. Part work of the survey of the distributory and trunk Mains by Pitometer was made during the year. Complete report will be submitted on completion of the work.

**Pitometer Survey.**

99. As both the Reservoirs were leaking and no major repairs were carried out since their construction, a proposal to recondition the Reservoirs by reinforced gunite surfacing at a cost of Rs. 5,93,600 was sanctioned by the Corporation during the year.

**Repairs to Reservoirs by Gunite Surfacing.**

100. The work of welding patch plates and spray-painting with aluminium Paint the 57″ Steel Mains in the Bandra Creek was carried out on an experimental basis and proved quite satisfactory.

**Welding 57″ mains.**

101. Rainfall and River Gaugings of Vaitarna River were continued this year in order to compare the behaviour of rainfall and yield of its catchment with Tansa. The total rainfall amounted to 124·04 inches.

**Vaitarna River Gauging.**

102. The total expenditure on Water Works amounted to Rs.63,77,011 while the revenue derived was Rs.75,50,381, leaving a net profit of Rs.11,73,370.

**Costing.**

## X.—Fire Brigade.

103. The number of Fire Brigade Stations in the City was 10. The foundation stone of a new Fire Station at Gunbow Street, Fort, which is to replace the present Fire Station at Hornby Road, was laid by His Worship the Mayor Dr. E. Moses, M.D., J.P., on the 1st December 1937 and the building work is progressing satisfactorily. Two motor fire pumps and one 60 feet fire escape which were ordered in 1936 were received in May last and another motor fire pump trailer fire pump, a 100 ft. all metal turntable ladder fitted with a fire pump and 60 ft. fire escape were also purchased and placed in commission during the year. A new motor chassis has also been purchased and a body is being built and the chassis fitted for use as a general service lorry. Conversions from solid to pneumatic tyre equipment of some of the motor appliances were carried out during the year.

**Fire Stations and Appliances.**

104. The number of calls answered by the Brigade was 537 as against 624 in the previous year. Of these, 435 were in respect of actual fires, 93 false alarms, nine in respect of special services and 89 additional calls received for the same fires. 14 persons lost their lives and 15 received serious injuries at these fires. The estimated loss of property on account of fires in the City amounted to Rs. 9·99 lakhs, showing a decrease of Rs. 12·48 lakhs over that for the preceding year and a decrease of Rs. 4·12 lakhs over the average of the last three years. Of the total loss, Rs. 8·89 lakhs represented insured property. The total distance covered by the fire appliances while attending fires was 3,668 miles against 3,630 miles in the previous year.

**Number of Fires and Estimated Loss.**

105. The total number of fire alarms in the City was 186, including 25 private ones. 56 per cent. of the calls were given through this system, the same percentage as in the previous year.

**Number of Fire Alarms.**

106. The number of ambulances in charge of the Brigade continued to be six. One condemned ambulance was replaced by a new one. The ambulances answered 517 calls in respect of accidents, 735 calls in respect of maternity cases and 1,902 hire calls against 476, 838 and 1,714 respectively in the preceding year. They conveyed 3,222 persons and covered a distance of 22,780 miles against 3,089 persons and 20,769 miles in the previous year. The hire receipts amounted to Rs. 10,466 against Rs. 9,466 in the preceding year.

**Ambulances.**

## XI.—Public Gardens.

**Gardens and playgrounds.**

107. Thirteen gardens, 31 recreation grounds and open spaces, 2 fountains, 2 bandstands and the Queen's Statue opposite the old City Improvement Trust Office were maintained during the year. The directed games at Mastanshah Tank, Gilder Tank, and Willingdon Memorial Playground under the supervision of the Y. M. C. A. continued to be popular. The cricket pitches at Gowalia Tank Maidan were so much in demand, that many applications for them had to be refused.

**Band and Music Performances.**

108. The total number of band Performances and Indian Musical Concerts given during the year remained the same, *viz.*, 30 and 4 respectively.

**Victoria Gardens.**

109. The number of visitors to the Victoria Gardens and the Zoo during the year was 21,30,142 and the daily average of visitors was 6,179 against 19,00,934 and 6,048 respectively for the previous year. Some lawns were added and flowerbeds and shrubberies planted during the year.

## XII.—Victoria & Albert Museum.

**Attendance at the Museum.**

110. The Museum was kept open for 311 days as in the previous year. The total number of visitors during the year was 13,46,113 giving a daily average of 4,328 against 9,65,461 and 3,145 respectively in the previous year. It is a matter of satisfaction that there was an increase of over 3,80,000 visitors during the year which shows the growing interest of the public in the Museum.

**Additions and Improvements.**

111. Several additions were made to the collections during the year, amongst which may be mentioned the following. One coloured photograph in relief on metal of H. M. King Edward VIII, 6 specimens of mother-of-pearl, and two specimens of Conchshell from Burma, 13 specimens of copper-ware showing carving, embossing, and enamelling from Benares and 3 Litho prints of old historic miniature Moghul paintings. The most important of these is a portfolio of copies of ancient Buddhist paintings from the Caves of the Thousand Buddhas at Tun-Huang on the Western frontier of China, discovered by Sir Auriel Stein in 1907, a very rare copy, which throws light on the spread of Buddhism to China and Japan from the land of its birth.

**General.**

112. The Curator attended the Conference of Museum Authorities held at New Delhi from the 6th to the 8th of December last as a delegate of the Corporation as per Corporation Resolution No. 6891 of the 2nd of December 1937 and a report of what took place at the Conference together with a copy of the resolutions adopted has already been submitted to the Corporation.

## XIII.—General Stores.

**Stores Purchases and issue.**

113. The value of stores in hand at the beginning of the year was Rs. 4·29 lakhs against 5·24 lakhs in the preceding year. Stores purchased during the year, including the articles received on transfer, amounted to Rs. 15·40 lakhs as against 7·86 lakhs for the previous year. The large increase was due to the purchase of additional quantities of materials in connection with new loan and other works that were taken in hand during the year. In spite of the increase in the prices of materials, especially in the metal markets and the increase in the turnover of stores, the balance of stock in hand at the close of the year was only Rs. 5·60 lakhs against 4·29 lakhs for the preceding year. There was no draw-off during the year from the surplus and obsolete stores on the Line Suspense Account. The stock in hand against this head remained at the same figure of Rs. 0·3 lakh.

As usual articles of foreign manufacture were purchased only when Indian articles were not available. The cost of Indian made articles purchased during the year amounted to Rs. 12·56 lakhs and that of non-Indian to Rs. 2·80 lakhs as against Rs. 6·36 lakhs and Rs. 1·5 lakhs respectively for the previous year.

**Contracts, Indents & Stock Verification.**

114. The number of annual contracts entered into during the year was 149 exclusive of special contracts for the supply of C. I. pipes, etc., and the number of orders placed with the contractors was 9,086 against 7,779 for the previous year. The number of indents (inclusive of sale memos) complied with was 29,727 against 22,715 in the previous year. Stock verification did not show any material discrepancies. The establishment charges worked out to about 2 per cent of the total turnover of the Department against 4 per cent in the previous year.

## XIV.—Licences.

**Licences and Permits.**

115. The total number of permits and licences issued under Sections 390, 393, 394 and 412A (*viz.*, for factories, workshops, steam whistles, for storing inflammable materials or carrying on dangerous trades, and keeping milk products) was 21,794 and the fees therefrom amounted to Rs. 1·88 lakhs against 21,003 and Rs. 1.87 lakhs respectively in the preceding year. There was an increase in the number of licences issued for all the items in the Schedule except butter, charcoal, firewood (wholesale), Gas (Mfg.), liquid fuel, oilseeds and petroleum (dangerous); but the increase in the number of licences for eating-houses and fire-works was more marked as it exceeded the figures for the previous year by 120 and 108. The licensing of farriers commenced in 1935–36 made appreciable progress during the year, the number of licences issued being 70 against 19 in the previous year.

**Outstanding Fees.**

116. Licence fees outstanding at the close of the year amounted to Rs. 601 against Rs. 1,305 in the preceding year.

**Sky-signs and advertisements.**

117. The total number of permits issued for exhibiting sky-signs and advertisements and the fees therefrom were 2,790 and Rs. 0·75 lakh respectively. The corresponding figures for the previous year were 2,659 and Rs. 0·72 lakh respectively. It is encouraging to note that the revenue from this source is on the increase.

**Hawkers and squatters.**

118. The total number of licences issued to squatters and hand-cart hawkers in reserved areas and to itinerant hawkers was 30,688 and the fees received therefrom were Rs. 1·42 lakhs against 28,592 and Rs. 1·30 lakhs respectively for the previous year.

**Prosecutions.**

119. The number of prosecutions for infringement of Municipal law or licence conditions was 3,592 against 4,226 in the preceding year. There were in addition 460 outstanding cases from the previous year. Of the total number of cases withdrawn, *viz.*, 2,978, 1,631 were withdrawn on payment of fees and the rest on compliance with requisition, 445 cases resulted in conviction, 2 in acquittal, and the remaining 627 were not disposed of at the end of the year. Only six criminal prosecutions were launched during the year against members of the public for assault, but four ended in conviction, one in acquittal and one was expunged.

## XV.—Markets.

**Markets and Receipts.**

120. The revenue from Markets and Slaughter Houses was Rs. 12·47 lakhs against Rs. 11·97 lakhs for the preceding year, showing an increase of Rs. 0·50 lakh. This rise in receipts is due to the increases in the fees for stamping weights and measures, etc., and in slaughter fees, squatters fees and stall rents.

**Municipal Markets.**

121. The number of Municipal Markets in the beginning of the year was 16. But the Chandanwadi market working at a loss for want of public patronage and had to be closed from 1st October 1937 under Corporation Resolution No. 256 of 8th July 1937 and the building was handed over to the Schools Committee for a School. The net receipts from these markets amounted to Rs. 3·78 lakhs against 3·88 lakhs for the preceding year, thus recording a decrease of Rs. 0·10 lakh. The average percentage of stalls vacant per quarter was 25·68 against 24·77, 26·76 and 25·42 for the preceding three years. Receipts from market rights, scale fees and encroachment fees amounted to Rs. 2·15 lakhs against 2·03 lakhs for the preceding year. The receipts rose in the case of some important markets like Colaba, Fort, Erskine Road, Bhuleshwar, Pork and Chandanwadi and fell in the case of others. Receipts exceeded expenditure in the case of all markets but one, and the percentage of expenditure to receipts in respect of markets was 33 as against 30 for the preceding two years.

**Private Markets, Slaughter Houses and outside Meat Shops.**

122. The number of private markets during the year rose to 23 owing to the opening of an open air private market at Thakurdwar and a milk market at Sheikh Memon Street. The number of private Slaughter Houses was two, one at Colaba and the other at Arthur Road which latter is meant for the use of Sikhs. Licence fees in respect of Dadar private market and the milk market at Sheikh Memon Street were not received during the year, while in the case of the Byculla Vegetable market the amount of Rs. 15,439 received by way of licence fees is kept in deposit since the transfer of licence is under consideration. The licence fees in respect of Parel village, Guzri Bazar and Thakurdwar open air markets were also kept in deposit as the question of fixing these fees had not been decided. The amount of licence fees realised in respect of the remaining 20 markets and the Slaughter House at Colaba was Rs. 26,093 against Rs. 30,421 in the previous year. A sum of Rs. 950 was also recovered as licence fees from firms dealing in imported meat and foreign fish. Licence fees amounting to Rs. 450 were recovered from butchers having stalls in private markets. The number of outside meat shops was 163 against 160 in the previous year and the fees realised in respect of them were Rs.7,983-14-0 as against Rs. 7,687-12-0 in the previous year.

**Unwholesome and contraband meat.**

123. Unwholesome articles including contraband meat destroyed during the year weighed 4,09,764 lbs. against 3,27,022 lbs. in the previous year; of this, contraband meat seized and destroyed was 7,936$\frac{3}{4}$ lbs. against 4,148 lbs. in the preceding year, showing an increase of 3,788$\frac{3}{4}$ lbs. In all 208 seizures were effected and prosecutions instituted with the result that 194 persons were convicted and fined.

**Municipal Slaughter Houses.**

124. The number of animals slaughtered at the Municipal Slaughter Houses at Bandra was 7,94,525 against 8,67,496 in the previous year. Of these, 51,555 were cows and bullocks, 10,529 buffaloes and 7,32,484 sheep and goats. The number of pigs and piglings slaughtered at the Arthur Road Pig Slaughter House was 3,716 against 3,650 in the preceding year. The amount of fair fees received at the Bandra Slaughter House was Rs. 1·40 lakhs against 1·42 lakhs in the preceding year. The fees recovered from the Kurla Municipality under the agreement to import buffalo meat into Bombay was Rs. 0·65 lakh against 0·60 lakh in the preceding year. The slaughter and removal fees realised at the Bandra Slaughter House together with the slaughter fees at DeLisle Road Sheep Market amounted to Rs. 3·84 lakhs against Rs. 3·75 lakhs in the preceding year. Other miscellaneous receipts amounted to Rs. 1·28 lakhs against Rs. 1·11 lakhs in the previous year.

**Weights & Measures Act.**

125. The Weights and Measures Branch continued the verification and stamping of weights and measures in the City. The total receipts from this source amounted to Rs. 20,543-5-0 of which the balance of Rs. 1,176-9-0 after deducting the expenditure of Rs. 19,366-12-0, is to be credited to Government according to the Bombay Act No. V of 1937.

## XVI.—The King Edward VII Memorial Hospital and the Seth Gordhandas Sunderdas Medical College.

**The King Edward Memorial Hospital.**

126. As before the Hospital had to work very much in excess of its full complement of 370 beds in spite of constant check exercised on the admission of patients. The great popularity which the institution enjoys is partly responsible for the rush of patients. Other causes which explain the increase are the rapid development of the North of the Island and the consequent rise in the population of this part of the City, and also the poverty of the majority of the people which forces them to seek free medical relief. The total number of in-patients admitted and new out-patients treated during the year was 12,425 and 1,01,389 respectively, against 12,127 and 85,557 in the preceding year. The daily average number of in-patients rose from 397·6 to 410·49 while that of out-patient attendance mounted to 1,062·15 from 857·8. The highest number of in-patients reached on a single day was 452 and the highest number of out-patients was 1,712. But the true turnover of the hospital can be gauged from the total number of in-patients treated (including those continued from the previous year) which was 12,775 and the total out-patient attendance which was 3,31,933 against 12,507 and 2,65,910 respectively in the preceding year. Out of the total number of 12,775 in-patients treated, 4,443 were cured, 4,688 were discharged as relieved, 1,915 either absconded or left the hospital against medical advice and 1,309 died, leaving a balance of 430 patients at the end of the year. Out of 1,309 deaths, 628 were within the first three days of admission. Leaving these out of account, the percentage of deaths to the total number of in-patients works out to 5·33 against 5 in the preceding year.

**Hospital Expenditure.**

127. The total expenditure on the maintenance of the hospital was Rs. 5·41 lakhs against 5·28 lakhs in the preceding year. The cost per in-patient per day was reduced from Rs. 2-13-7 to Rs. 2-12-8 and that per out-patient from Rs. 1-5-0 to Rs. 1-2-5. The cost of nursing establishment (exclusive of Provident Fund contributions and rent for quarters provided to the menial staff employed in the Nurses' Home) was Rs.80-12-4 per Nurse against Rs.79-4-4 in the preceding year.

**Miscellaneous.**

128. The extension of the Hospital, mention of which was made in the last year's report, has been undertaken and the building programme has been spread over a period of three years. Motor accidents treated in the Hospital are steadily on the increase as can be seen from the fact that in-patients treated on this account numbered 150 and out-patients 564 against 120 and 404 respectively in 1935-36 and 155 and 457 in 1936-37.

**Gordhandas Sunderdas Medical College.**

129. During the year 80 new students were admitted into the College. The total number of students in the College (including 67 in the post graduate course) at the close of the year was 499 against 454 in the preceding year. The total receipts and expenditure in respect of the College including the Hostel amounted to Rs. 1·06 lakhs and Rs. 2·56 lakhs respectively against Rs. 1·07 lakhs and Rs. 2·56 lakhs in the previous year. Research was conducted into the subject of balanced diet at the instance of the Indian Research Fund Association and the Sir Dorabji Tata Trust in collaboration with the Baby and Health Week Association. Other interesting investigations were also undertaken at the instance of the above-named Research Association and the Bombay University.

## XVII.—Education.

**Municipal Schools.**

130. Primary education continued to make progress during the year. The number of Municipal Schools increased from 321 to 337 and the number of pupils from 74,451 to 82,988. All the three Marathi, Gujarathi and Urdu sections showed appreciable progress during the year. The advance is most marked in the Hindi Section. The total number of ordinary teachers was 2,278 against 2,049 in the preceding year (taking two part-time teachers as one full-time). The average number of pupils per teacher worked out to 36·4 against 36·3 in the preceding year.

131. The number of Aided Schools and of pupils attending them increased from 140 and 21,719 to 148 and 24,456 respectively during the year. The Hindi Section recorded a set-back both in the number of schools and the percentage of attendance while the Miscellaneous (Tamil, Kanarese, etc.) section showed a welcome improvement. The total number of teachers in these schools (including part-time teachers) was 1,150 as against 1,084 in the previous year. The percentage of trained teachers to the total number of teachers was about 30 against 21 in the preceding year. The average number of pupils per teacher (including part-time teachers) was 21.2 against 20 in the previous year, and against 36.4 which is the average in the Municipal Schools during the year of report. Roughly 1 out of 3 teachers was part-time in the Aided Schools. The total amount of grants paid to these schools was Rs. 1.59 lakhs against Rs. 1.62 lakhs in the previous year. The grants were subjected to a cut of 15 per cent. on account of financial stringency. The average cost per pupil in these schools calculated on an average number of pupils on the rolls throughout the year worked out to Rs. 35.8 which compares favourably with the average in the Municipal Schools which was Rs. 40.7. The corresponding averages for the previous year were 36.8 and 41.6.

**Aided Schools.**

132. The total amount at the disposal of the Schools Committee was Rs. 34.46 lakhs, comprising the Municipal grant amounting to Rs. 33.91 lakhs, miscellaneous receipts Rs. 0.35 lakh and the budgeted opening balance of Rs. 0.20 lakh. Against this, the total expenditure amounted to Rs. 34.07 lakhs, leaving a balance of Rs. 0.39 lakh at the close of the year. The expenditure on the Schools Committee's Head Office met out of the General Fund remained the same, *viz.*, Rs. 0.66 as in the preceding year. If this expenditure is taken into consideration the average cost per pupil in the Municipal Schools referred to in the foregoing paragraph comes to Rs. 41.6.

**Schools Committee's Expenditure.**

133. The net grant paid by Government to the Municipality for Primary Education during the year amounted to Rs. 8.07 lakhs against Rs. 7.86 lakhs in the preceding year.

**Government Grants.**

134. The annual census of children not attending schools in areas where compulsory education has been in force, *viz.*, F & G Wards, revealed that there were 6,991 children of school-going age still outside the pale; but this number was gradually brought down to 3,557 at the close of the year.

**Free Compulsory Education Scheme.**

135. 13,866 pupils from Municipal Schools were medically examined, the percentage being 17 against 19 in the preceding year. The examination revealed that nearly 48 per cent. of the boys and 51 per cent. of the girls were suffering from one disease or another, against 52 per cent. and 54 per cent. in the previous year. The feeble health of the school-going children is a cause for anxiety. The King Edward VII Memorial Hospital Clinic for school children treated 8,250 cases against 5,127 in the preceding year. The Dental Surgeon treated 1,046 children.

**Medical Inspection of Schools.**

136. The Central Schools, *i.e*, the schools in which provision has been made for teaching vocational subjects, continued to attract a good number of pupils. The number of boys attending these schools was 1,122 and that of girls was 250, in all 1,372 against 1,646 in the preceding year. These schools are on the whole a success as can be seen from the percentage of success in the vocational examinations and the quality of the work turned out.

**Central Schools.**

## XVIII.—Public Health.

137. During the year, the health of the City was satisfactory on the whole, despite a slight increase in the death rate. The number of live births registered was 35,455 being 450 less than in 1936 and 6,922 more than the average of the preceding decennium. The birth rate was

**Births.**

30·5 per 1,000 population against 30·9 for the preceding year. The sex proportion among births was 1,072 males to 1,000 females. The birth rate was highest among Hindu low castes, *viz.* 48 and lowest among Europeans, *viz.* 15 against 48 and 16 in the preceding year. The number of births registered was higher in the second half of the year than it was in the first half.

**Deaths.**

138. The total number of deaths during the year was 30,768 against 29,934 in 1936. The death rate was 26·5 per 1,000 population against 25·8 in the preceding year and 22·2, the average for the preceding decennium. The principal causes of death were diseases of the Respiratory System, Congenital Debility and Diseases of early infancy, Old Age, Tuberculosis, Malaria, Ague and Remittent Fever, the incidence of the death rate due to each being 9·7, 2·9, 1·8, 1·7 and 1·2 respectively per 1,000. Children under 5 years contributed 46·9 per cent of the total mortality against 47·7 in the previous year. The male death rate was 22 and the female death rate 35 against 22 and 33 respectively in the preceding year. As usual the highest death rate was among low class Hindus and the lowest among Europeans, being 45·3 and 8·8 respectively against 42·1 and 9·7 in the preceding year. Mortality was greater in the last six months of the calendar year than in the first six months.

**Infant Mortality.**

139. Mortality among infants (under one year of age) was 8,688 against 8,946 in the preceding year, giving a rate of 245·0 per 1,000 births registered against 245·1 in the preceding year. Of the infants who died within the City, 78·7 per cent. were born in the City, and 21·3 per cent. in the mofussil. 76·8 per cent. of the mortality among infants was due to diseases of the Respiratory System, Infantile Debility and Premature Birth, against 76·4 per cent. in the preceding year. Infants below one month contributed 37 per cent. against 40 per cent. in the preceding year. Debility and prematurity accounted for 76·3 per cent. of deaths during the first month of infancy and respiratory diseases were responsible for 66·6 per cent. of deaths during the remaining 11 months. The incidence of infant mortality as of births was heavy in one room tenements, being 78·5 per cent. and 70·4 per cent. respectively against 78·3 and 71·6 in the preceding year. These statistics indicate that a high birth rate and a high infant mortality go together.

**Prevention of Infant Mortality.**

140. The chief causes of high infantile mortality are lack of nutritive food due to widespread poverty, congestion, high rents, which force a large number of people to live in single room tenements, and ignorance of the principles of hygiene due to illiteracy. The remedies in respect of poverty and high rents are beyond the scope of the Municipality, but the other causes are being tackled energetically so far as resources permit. The Municipality has also provided medical facilities in the shape of Municipal Maternity Homes, ante-natal and post-natal clinics, special dispensaries for women and children and district nurses. The latter paid 30,002 domiciliary visits to prospective mothers in poor localities for the purpose of instructing them in the care and nurture of children, and discovering any cases of sickness among women or unregistered births, etc., and persuading sick persons and pregnant women to take advantage of the Municipal dispensaries and Maternity Homes. Where prospective mothers refused to avail themselves of Maternity Homes, the confinements were conducted at their houses. The number so confined was 1,219 against 1,193 in the preceding year. Relief to poor women during confinements in the shape of necessaries and comforts such as milk, bread, blankets, charpoys, and linen was given in 266 cases against 251 in the previous year. The number of cases confined in the five Municipal Maternity Homes (134 beds) was 4,771 as against 4,593 in the previous year. The number of confinements in other Government and Private Homes (1,130 beds) was 22,987. The percentage of births that took place in the Maternity Homes was 73·4 against 70·9 in the preceding year. The measures taken by the Municipality for the reduction of infant mortality were supplemented by the Infant Welfare Society.

**Infectious Diseases.**

141. The cases of infectious diseases reported during the year numbered 5,123 against 4,834 in the preceding year. Plague was absent. Deaths from Cholera, Small-pox and Influenza numbered 4, 688 and 68 respectively against 5, 906 and 71 in the preceding year. Meningitis accounted for 156 deaths against 231 in the previous year. The above infectious diseases were treated at the Arthur Road Hospital where the total admissions during the year were 2,494 against 2,292 in the preceding year. Small-pox was in an epidemic form at the end of the year. Tuberculosis was responsible for 2,037 deaths, giving a death rate of 1·7 per 1,000 of population, which is the same as that for the preceding year. Incidence of this disease was appreciably heavy in the age group 20-40 and was very marked among Hindu males and Mahomedan females. Anti-tuberculosis measures were continued as usual. This year, two additional out-patient dispensaries were opened and the total attendance at the four out-patient dispensaries for this disease was 25,343 against 16,568 in the two dispensaries, in the preceding year and the total number of in-patients treated at the Turner Sanatorium (40 beds) was 188. The treatment at the Sanatorium produced improvement in 75·0 per cent. of the cases received. With a view to combating tuberculosis more effectively, the Corporation have opened two additional dispensaries for the treatment of tubercular patients as stated above. The Corporation have also sanctioned a proposal to provide additional accommodation of 40 beds at the Turner Sanatorium and made a provision of Rs. 53,000 for meeting half the cost of the work, in the hope that the other half may be received from the King-Emperor Anti-Tuberculosis Fund. A new Tuberculosis Hospital at Sewri close to the Turner Sanatorium with 100 beds for treatment of advanced cases has been under contemplation and a donation of Rs. 1½ lakhs has been received therefor from Mr. and Mrs. Maneklal Premchand.

**Leprosy and Venereal Diseases.**

142. The diagnostic centres which were opened in ten Municipal Dispensaries for the treatment of leprosy continued to function under Medical Assistants who were specially trained for the work. Advanced cases were sent to the A. L. Home for treatment. Venereal Diseases are a hidden social evil which evades an accurate statistical survey. The growth of this evil is indicated by the ever increasing attendance at the Municipal Clinic at Bellasis Road. The daily attendance at this clinic averaged 304·9 against 237·7 in the preceding year.

**Malaria.**

143. Malaria was registered as the cause of 73 deaths against 91 in the preceding year. The number of cases of Malaria treated at the Municipal Dispensaries during the year was 1,082 and those treated at the other public hospitals numbered 13,319 against 1,191 and 12,374 in the preceding year. Cases treated by private practitioners are difficult to account for in the absence of statistics.

**Free Medical Relief.**

144. The Municipality maintained during the year 15 dispensaries for free out-patient relief. The total attendance and the number of new cases treated thereat were 4,18,512 and 1,41,217 respectively against 3,82,430 and 1,29,036 in the previous year, which shows their growing popularity. In addition to this, women and children were treated by two temporary Lady Doctors at six Municipal Dispensaries between 12 noon and 2 p.m. twice a week and by the Lady Doctors in charge of the five Maternity Homes at the five Ante-Natal and Post-Natal Clinics attached to the respective homes between 1 and 3 p.m. twice a week. The free dispensary for treatment of eye diseases at Kamatipura continued to function and the total attendance and the number of new cases there were 16,881 and 4,266 respectively against 12,441 and 2,675 for the preceding year.

145. During the year roads, footpaths and house gullies were conserved regularly. The area conserved daily was 268·04 miles of roads, 236·67 miles of footpaths and 104 miles of house gullies. The total refuse collected and removed through Municipal agency was 4,24,433 tons. This together with refuse received through outside agency amounted to 5,38,271 tons. Of these 3,70,044 tons were transported by rail to Deonar, 1,32,692 tons were used for reclamation in the City, 288 tons were burnt in the incinerators and 35,247 tons (stable refuse) were dumped in manure pits. During the year 264 basket seats were converted to the water-closet system. The number of basket privies that remained to be converted in sewered areas was 597 and in unsewered areas 8,196. Cleansing of septic tanks in unsewered areas was also attended to; as also rat and dog destruction. The total number of dog bites treated at the Haffkine Institute was 2,164 against, 1,885 in the preceding year.

**Conservancy.**

146. The number of prosecutions instituted by the Health Department under the Municipal Act during the calendar year 1937 was 10,891, which together with the cases outstanding at the beginning of the year amounted to 12,476. Of these 11,519 were disposed of during the year. The corresponding figure for the previous year was 11,330. The number of cases filed under the Bombay Prevention of Adulteration Act during the year was 1,934, which together with the cases outstanding at the beginning of the year amounted to 2,029. Out of these 1,744 were disposed of, the total amount of fines inflicted being Rs. 1·10 lakhs against Rs. 0·83 lakh in the preceding year.

**Prosecutions.**

147. Efforts to solve the question of milk supply for the City were continued. The scheme proposed by the Bombay Co-operative Milk Supply Union was however rejected by the Corporation. Action for stopping the importation of skimmed milk was continued as before. The measures taken were the organization of surprise raids at the railway stations and also at different tea shops and eating houses and destruction of the imported milk, besides prosecutions for selling milk without licences. The sanitary provisions of the Municipal Act are defective in many respects with the result that a number of offences cannot be dealt with under them. Proposals for amending these provisions have been submitted to Government.

**Miscellaneous.**

## XIX.—Municipal Printing Press.

148. During the year a Linotype machine and Centurette Cylinder costing Rs. 30,050 in the aggregate were added to the Press and the printing of items under Divisions III, IV and VIII of the Printing Schedule, *i.e.*, of forms and books of a size larger than the foolscap was undertaken. The printing of the Voters' Lists and the Municipal Electoral Roll comprising about 2,50,000 names was successfully carried out on five Lino machines, four taken on hire and one purchased in May 1937. In all 1,987 jobs, 1,553 relating to printing and 434 relating to stationery, were executed during the year at a cost of Rs. 0·64 lakh. 454 non-scheduled items were also printed at a cost of Rs. 7,399. The savings effected during the year by the above jobs being done at this press instead of through the printing contractors was Rs.19,202 against Rs. 9,356 in the preceding year.

149. The Press has now grown out of its infancy and has become one of the recognised Presses in Bombay.

**General.**

## XX.—Municipal Servants' Act.

150. No circumstances arose in any department of the Municipality in which it was necessary to invoke the provisions of the Municipal Servants' Act.

I. H. TAUNTON,
*Municipal Commissioner.*

# CHIEF ACCOUNTANT'S REPORT

## FOR 1937-38.

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# FINANCIAL.

No. AE/4242C/SR *of 30th August* 1938.

FROM

THE CHIEF ACCOUNTANT,
BOMBAY MUNICIPALITY.

To

THE MUNICIPAL COMMISSIONER
FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit my report on the accounts of the Municipality and the Improvement Schemes for the year 1937-38.

2. During the year under report, the rates of taxation were as shown below :—

| Particulars. | Rates for 1937-38. |
|---|---|
| General Tax .. .. .. .. .. .. .. | 11 per cent. |
| Fire Tax .. .. .. .. .. .. .. | $\frac{1}{2}$ „ „ |
| Water Tax on value .. .. .. .. .. | $3\frac{3}{4}$ „ „ |
| Water Tax on Meter Measurement .. .. .. | Same as those of the preceding year except in the case of Thana Municipality and Bhandup in which the rate of As. 14 per 1,000 gallons was reduced to As. 10. |
| Halalkhore Tax .. .. .. .. .. .. | 3 per cent. |

3. The following statement summarises the transactions for the year pertaining to Revenue, and the actuals for the preceding year :—

| | 1937-38. | | | Actuals for 1936-37. |
|---|---|---|---|---|
| | Budget. | Revised. | Actuals. | |
| | Rs. | Rs. | Rs. | Rs. |
| Opening Balance .. .. .. | 16,90,000 | 21,38,724 | 21,38,724 | 22,17,865 |
| Income .. .. .. .. | 3,20,96,154 | 3,27,84,210 | 3,30,16,418 | 3,20,58,229 |
| Expenditure .. .. .. .. | 3,29,11,514 | 3,30,33,791 | 3,27,48,184 | 3,19,29,489 |
| | 8,15,360 (Deficit). | 2,54,581 (Deficit). | 2,68,234 (Surplus). | 1,28,740 (Surplus). |
| Balance .. .. .. .. | 8,74,640 | 18,84,143 | 24,06,958 | 23,46,605 |
| Recoupment of Advances, etc. .. | — 6,250 | + 1,16,369 | —1,19,994 | — 2,07,881 |
| Closing Balance .. .. .. | 8,68,390 | 20,00,512 | 22 86,964 | 21,38,724 |

4. The details of the recoupment of Advances, etc., are :—

| Increase in— | | Rs. |
|---|---|---|
| Reserve Stores (including Capital Stores) Balances .. .. | | 1,35,906 |
| Advances for Plant and Machinery .. .. .. .. .. | | 22,126 |
| | | 1,58,032 |
| *Deduct*— | | |
| Decrease in— | Rs. | |
| Renewed Grants (including contribution towards Improvement Schemes) .. .. .. .. | 33,381 | |
| Miscellaneous Advances outstandings .. .. | 4,657 | |
| | | 38,038 |
| | | 1,19,994 |

5. The net unhypothecated Surplus Cash Balance on 31st March 1938 is as under :—

| Liabilities. | | Rs. | Assets. | Rs. |
|---|---|---|---|---|
| Reserve Stock including Capital Stores .. | | 5,89,994 | Surplus Revenue Fund as per Appendix No. 2. | 52,39,211 |
| Advance for Plant and Machinery .. .. | | 22,21,907 | | |
| Miscellaneous Advances .. .. .. | | 1,40,346 | | |
| Minimum required by Law .. .. .. | | 1,00,000 | | |
| Surplus Cash Balance .. .. .. .. | | 21,86,964 | | |
| | Total .. .. | 52,39,211 | Total .. .. | 52,39,211 |

6. The opening and closing Reserve Stores (including Capital Stores) Balances for the year 1937-38 are compared below :—

| ——— | Opening Balance. | Closing Balance. | Increase. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| Serviceable Stores .. .. .. .. | 4,54,088 | 5,89,994 | 1,35,906 |

7. The amount of rates and taxes outstanding at the close of the year 1937-38 stood at Rs. 61,17,191 against Rs. 58,25,580 for the previous year, showing an increase of Rs. 2,91,611 :—

| Outstanding at | General Tax. | Water Tax. | Halalkhore Tax. | Wheel Tax. | Total. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 31st March 1937 .. .. | 44,44,903 | 6,52,281 | 5,92,989 | 1,35,407 | 58,25,580 |
| 31st March 1938 .. .. | 47,99,592 | 5,94,718 | 5,40,952 | 1,81,929 | 61,17,191 |
| | 3,54,689 Increase. | 57,563 Decrease. | 52,037 Decrease. | 46,522 Increase. | 2,91,611 Increase. |

The amount outstanding on account of rates and taxes at the close of each year for the last five years (including that under report) was as under :—

| Year. | Outstanding. | Net Demand. | Percentage of outstanding to Net Demand. |
|---|---|---|---|
| | Rs. | Rs. | |
| 1933–34.. .. .. .. .. .. | 29,93,133 | 2,62,91,472 | 11.38 |
| 1934–35.. .. .. .. .. .. | 37,24,182 | 2,81,32,577 | 13.24 |
| 1935–36.. .. .. .. .. .. | 57,70,549 | 2,98,47,279 | 19.33 |
| 1936–37.. .. .. .. .. .. | 58,25,580 | 3,03,41,542 | 19.20 |
| 1937–38.. .. .. .. .. .. | 61,17,191 | 3,15,64,692 | 19.38 |

The outstandings of Rs. 61,17,191 are made up of Rs. 8,46,918 payable by Government, Rs. 15,80,903 payable by the G. I. P. Railway, Rs. 11,18,742 by the B. B. & C. I. Railway Co., Rs. 1,87,436 by the Mills, Rs. 16,213 in respect of Improvement Schemes properties, Rs. 1,172 by the Port Trust and the balance of Rs. 23,65,807 by other rate-payers. The reasons for these outstandings have been dealt with in the Assessor and Collector's Report.

8. The Loan liabilities at the beginning and at the end of the year were as under :—

| Outstanding debt at 1st April 1937. | Loan raised during the year. | Repayment during the year. | Outstanding debt at 31st March 1938. |
|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. |
| 15,65,25,478 | 26,66,500 | 29,67,477 | 15,62,24,501 |

Out of the loans aggregating Rs. 26,66,500 raised during the year, Rs. 1,91,500 were taken as an advance from the Net Premia Fund for purchase of Plant and Machinery, Rs. 6,00,000 being balance out of the loan of Rs. 24½ lakhs sanctioned under Corporation Resolution No. 436, dated 7th September 1936, were raised by reserving the amount for investment of the Municipal Sinking and Special Funds and Rs. 18,75,000 were taken as an advance from Land Sales Reserve Fund as sanctioned under Corporation Resolution No. 506 of 11th October 1937.

The repayments during the year aggregate Rs. 29,67,477 of which Rs. 28,77,415 were repaid to Government on the basis of equated payments from revenue in respect of advances taken from them and Rs. 7,000 were repaid to debenture holders out of Sinking Fund Investments including Rs. 912 from the Net Premia Fund. A sum of Rs. 83,062 was repaid to the different Special Funds out of revenue on the basis of equated payments in respect of the advances taken from these funds for Capital Works.

The state of the Sinking Fund is shown below :—

| Amount of Fund at 1st April 1937. | Interest, etc., realisations. | Sinking Fund Instalments. | Total. | Withdrawn for repayment of loans. | Amount of the Fund at 31st March 1938. |
|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2,74,05,128 | 12,30,828 | 15,23,460 | 3,01,59,416 | 6,088 | 3,01,53,328 |

The value of securities held in the Sinking Fund Account on the basis of Market rates prevailing on 31st March 1938 including accrued interest exceeded the actuarial amount of the Sinking Fund by Rs. 6,30,233. This excess was allowed to remain in the Sinking Fund Account, and not transferred to the Net Premia Fund Account as the Government of Bombay are advised that Section 109 of the City of Bombay Municipal Act, 1888 shows the only purposes for which the Sinking Fund can be utilised, and that Clause (*f*) of Section 109 does not mean that any sum in the Sinking Fund in excess of the required amount forms no part of the Sinking Fund and can be appropriated by the Corporation to a purpose other than those mentioned in Section 109. They have therefore advised us that no withdrawal of excess amounts should be made hereafter. Whether this view is correct is under consideration.

## INCOME.

9. A detailed comparison between the Budget Estimate and the Actuals will be found in Appendix No. 3. The estimated income for the year was Rs. 3,20,96,154 against which the actuals amounted to Rs. 3,30,16,418 resulting in an increase of Rs. 9,20,264.

The following are the main heads contributing to the increases and decreases :—

| Budget Head. | Amount of Increase. | Amount of Decrease. | Remarks. | | |
|---|---|---|---|---|---|
| | Rs. | Rs. | | | Rs. |
| 1. General Tax, Indirect taxation, etc. | | | | | |
| A.—General Tax .. .. | 10,030 | .... | Increase under— | | |
| | | | (1) Public, due to building activities in the City .. | | 2,51,242 |
| | | | (2) Government, due mainly to the payment of Municipal Taxes in respect of Central Government Building .. .. | | 2,55,869 |
| | | | & (5) Mills, due to larger recovery of arrears .. .. .. | | 90,099 |
| | | | | | 5,97,210 |
| | | | Counterbalanced by decrease under— | | |
| | | | | Rs. | |
| | | | (3) Port Trust, due partly to refunds allowed on account of over-collections during preceding years and partly to structures held on monthly tenancy having been merged in the New Award for Port Trust Properties for the quinquennium 1934-1939 .. | 2,04,578 | |
| | | | (4) Improvement Schemes, due to demolition of Trust Properties . | 3,805 | |
| | | | & (6) and (7) G.I.P. and B. B. & C. I. Railways, due to non-receipt of the dues from them for the year under report as the complaints against valuations are still pending and negotiations are in progress .. | 3,78,797 | |
| | | | | | 5,87,180 |
| | | | | | 10,030 |

| Budget Head. | Amount of Increase. | Amount of Decrease. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| F.—Interest and Profit on Surplus, &c., balances. | 40,387 | .... | Partly due to higher rates of interest realized on Fixed Deposit and partly to the balances being available for investment for longer periods. |
| H.—Miscellaneous .. .. | 77,857 | .... | The main items of increase are:—(1) Fines for offences against the law (Rs. 30,243), (2) Sale proceeds of unserviceable tools and plant (Rs. 13,945) and (3) Miscellaneous Receipts (Rs. 22,828). |
| 2. Water Tax, etc. .. .. | 3,69,052 | .... | Increased receipts mainly under (1) Tax on value, Rs. 49,583 due to new buildings, (2) Water by Measurements, Rs. 2,21,465, due on account of more consumption especially in the case of Cotton and other Mills, Dyeing & Bleaching Mills and Trade Purposes (other Factories) (3) Compounded Tax, Rs. 78,791, due to increased consumption of water for building purposes and (4) Miscellaneous Receipts Rs. 15,364. |
| 3. Education .. .. .. | 21,570 | .... | Increased contribution from Government due to increased expenditure under Primary Education. |
| 7. Street Cleansing and Conservancy. | | | |
| A.—Halalkhore Tax .. .. | 37,105 | .... | Due to increased revenue from the Tax from the Public on account of new buildings. |
| 8. Roads, Drains and Sewers— | | | |
| A.—Wheel Tax .. .. | 2,67,480 | .... | This is made up of an increase of Rs. 1,24,308 under Private Conveyances due to the increase in the number of motor vehicles and of Rs. 1,43,172 under Public Conveyances due to the tax payable by the owners of Hack-Victorias during the preceding year having been paid during the year under report, the time for payment having been extended by the Commissioner of Police. |
| B.—Ground Rent .. .. | 30,190 | .... | This is due to half-yearly rent of Rs. 33,500 from Telephone Co. for the period ending 31-3-37 falling due in 1936-37 having been realized and credited in the accounts for the year under report. |
| C.—Miscellaneous .. .. | 90,507 | .... | This is made up of increased receipts (1) of Rs. 46,405 under Miscellaneous Receipts, including Rs. 19,883 on account of Supervision Charges in respect of works carried out on behalf of private parties including Government works at the Back Bay Reclamation Scheme and Rs. 20,063 on account of profit on Asphalt Plant, (2) of Rs. 37,863 under Miscellaneous Fees on account of Scaffolding, &c, Fees and (3) of Rs. 6,239 under Rent of Buildings and Lands. |
| 9. Mechanical .. .. .. | 22,281 | .... | Includes Rs. 13,453 on account of profit on Mechanical Transport. |
| 10. Buildings, Land Acquisition and Management. | 1,15,964 | .... | The main items of increase are (1) Ground Rent, Rs. 37,074 and (2) Miscellaneous Fees, Rs. 74,173 on account of Fees for projecting Verandahs, balconies, &c., including Rs. 18,396 in respect of Arcade in front of Buildings Nos. 315/7, Hornby Road, Fort. |
| 12. Licensing and removal of Encroachments on Public Streets. | 36,704 | .... | This is comprised of increases mainly under (1) Licenses for Squatters and Hawkers and Fees for Removal of Encroachments, of Rs. 18,407 and (2) Advertisements, of Rs. 15,783. |
| 14. Markets and Slaughter Houses | 73,234 | .... | The main items responsible for the increase are (1) Squatters' Fees, Rs. 12,452, (2) Slaughter Fees, Rs. 30,345, (3) Miscellaneous Receipts, Rs. 15,017 and (4) Receipts on account of administration of Weights & Measures Act, Rs. 9,543. |
| 15. Contribution from Capital Funds to Revenue. | .... | 1,12,410 | Due to less expenditure incurred on Capital Works. |
| 16. Extraordinary Receipts .. | .... | 1,81,712 | Due to the excess interest on Sinking Funds for which credit was taken in the Budget Estimate not being transferred to revenue owing to the objection raised by Government. |

10. The position as regards our income from General Tax, Water Tax and Halalkhore Tax will be seen from the sub-joined statement :—

| 1937-38. | Amount. | Total. | Grand Total. | 1936-37. | Amount. | Total. | Grand Total. |
|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. |
| General Tax (including Fire Tax) at 11½ per cent :— | | | | 1. General Tax (including Fire Tax) at 11½ per cent :— | | | |
| Total collections booked .. .. .. .. | 1,31,46,240 | | | Total collections booked .. .. .. .. | 1,31,87,529 | | |
| *Deduct*— | | | | *Deduct*— | | | |
| Recoveries for previous years .. .. .. | 15,56,780 | | | Recoveries for previous years .. .. .. | 15,95,635 | | |
| | 1,15,89,460 | | | | 1,15,91,894 | | |
| *Add*— | | | | *Add*— | | | |
| Outstandings for the year at the close of the year.. | 25,58,619 | 1,41,48,079 | | Outstandings for the year at the close of the year.. | *25,04,174 | 1,40,96,068 | |
| 2. Water Tax at 3¾ per cent and Water charges by measurement and at compounded rate :— | | | | 2. Water Tax at 3¾ per cent and Water charges by measurement and at compounded rate :— | | | |
| Total collections booked .. .. .. .. | 74,46,168 | | | Total collections booked .. .. .. .. | 69,51,032 | | |
| *Deduct*— | | | | *Deduct*— | | | |
| Recoveries for previous years .. .. .. | 2,31,216 | | | Recoveries for previous years .. .. .. | 2,06,551 | | |
| | 72,14,952 | | | | 67,44,481 | | |
| *Add*— | | | | *Add*— | | | |
| Outstandings for the year at the close of the year.. | 4,72,510 | 76,87,462 | | Outstandings for the year at the close of the year.. | 5,34,029 | 72,78,510 | |
| 3. Halalkhore Tax at 3 per cent and for special service :— | | | | 3. Halalkhore Tax at 3 per cent and for special service :— | | | |
| Total collections booked .. .. .. .. | 33,39,105 | | | Total collections booked .. .. .. .. | 32,10,543 | | |
| *Deduct*— | | | | *Deduct*— | | | |
| Recoveries for previous years .. .. .. | 2,73,680 | | | Recoveries for previous years .. .. .. | 2,59,019 | | |
| | 30,65,425 | | | | 29,51,524 | | |
| *Add*— | | | | *Add*— | | | |
| Outstandings for the year at the close of the year.. | 3,73,284 | 34,38,709 | 2,52,74,250 | Outstandings for the year at the close of the year.. | 3,86,074 | 33,37,598 | 2,47,12,176 |

* Inclusive of Rs. 5,75,697 and Rs. 1,18,322 being annual contribution due from Government and Port Trust respectively.

| | Rs. |
|---|---|
| Net demand on account of Property Taxes inclusive of refunds for 1937-38 .. .. .. .. .. | 2,52,74,250 |
| Net demand on account of Property Taxes inclusive of refunds for 1936-37 .. .. .. .. .. | 2,47,12,176 |
| Increase .. | 5,62,074 |

## TOWN DUTIES.

11. The various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, the amount levied and refunds allowed thereon under Section 195 on their export are shown in Appendix No. 17.

The gross collections for the year were estimated at Rs. 23,00,000, the refunds and commission charges at Rs. 10,00,000 and the net revenue at Rs. 13,00,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 24,05,467 and after deducting the amount of Rs. 10,96,466 on account of refunds, the net receipts amounted to Rs. 13,09,001 but show a decrease of Rs. 1,39,129 as compared with the actuals of the previous year.

## SALE PROCEEDS OF LAND.

12. According to Corporation Resolution Nos. 5253, dated the 11th September 1928 and 705, dated the 19th December 1935, the sale proceeds of surplus land upto an amount not exceeding Rs. 10 lakhs are to be credited to revenue each year, the balance if any, being transferred to a Reserve Fund for being utilized to make good the aforesaid sum of Rs. 10 lakhs whenever the sale proceeds of land in any subsequent year, are less than Rs. 10 lakhs, the balance in the Reserve Fund being in the meantime advanced for capital works. The balance to the credit of the Fund at the beginning of the year was Rs. 18,75,624. During the year the sale proceeds of surplus land amounted to Rs. 13,34,005 out of which Rs. 10 lakhs were credited to revenue the balance of Rs. 3,34,005 was transferred to the Reserve Fund. The interest realized on this fund during the year amounted to Rs. 31,368. The total investments in the Fund thus amounted to Rs. 22,40,997. Out of this amount, a sum of Rs. 18,75,000 was advanced for meeting expenditure on Capital Works at 3 per cent. per annum as sanctioned under Corporation Resolution No. 506 of 11th October 1937, leaving a balance of Rs. 3,65,997 as shown in Appendix No. 6.

## REVENUE EXPENDITURE.

13. The final sanctioned grants amounted in the aggregate to Rs. 3,36,42,984 as follows :—

| | Rs. |
|---|---|
| Budget Grants .. .. .. .. .. .. .. | 3,29,11,514 |
| Unexpended Grants for previous years renewed for expenditure .. .. .. .. .. .. .. | 4,35,800 |
| Additional Grants .. .. .. .. .. .. | 2,95,670 |
| Final Sanctioned Grants .. | 3,36,42,984 |

The transfers from one Budget head to another without affecting the total Budget provision for the year amounted to Rs. 3,48,263.

14. In the following statement the final grants sanctioned from 1933-34 are compared with the savings year by year :—

| Year. | Final grants sanctioned. | Grants to be renewed for expenditure in the following year. | Expenditure booked against final grants. | Savings on final grants sanctioned. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| 1933-34 .. .. | 3,39,94,153 | 4,22,981 | 3,25,51,599 | 10,19,573 |
| 1934-35 .. .. | 3,38,94,781 | 3,07,250 | 3,16,19,059 | 19,68,472 |
| 1935-36 .. .. | 3,28,63,757 | 3,17,001 | 3,12,97,539 | *12,49,217 |
| 1936-37 .. .. | 3,28,69,645 | 4,35,800 | 3,19,29,489 | 5,04,356 |
| 1937-38 .. .. | 3,36,42,984 | 4,09,600 | 3,27,48,184 | 4,85,200 |

* Includes Rs. 7,51,701 on account of the extension of the currency of the loan for Development Schemes.

15. The total lapsed grants estimated to be renewed in 1938-39 aggregate Rs. 4,09,600 against Rs. 4,35,800 in 1937-38 and the heads under which the renewals are required will be found in Appendix No. 4.

The important renewals over Rs. 10,000 and the percentage of renewed grants to grants allotted are shown in the following table :—

| Department and Service Heads. | Total Renewals. | Percentage of renewals to total sanctioned grants. |
|---|---|---|
| | Rs. | |
| I—General Supervision, Collection of Revenue, &c. | | |
| E—Miscellaneous charges .. .. .. | 22,328 | 14.22 |
| II—Water Works (including debt charges amounting to Rs. 51,563) .. .. .. .. .. | 72,940 | 1.12 |
| III—Education, Primary .. .. .. .. .. | 17,600 | 0.48 |
| V—Public Health .. .. .. .. .. | 12,000 | 1.18 |
| VI—Medical Relief and Education .. .. .. | 29,360 | 1.23 |
| VII—Street Cleansing and Conservancy, Road Watering and Halalkhora service (including debt charges amounting to Rs. 21,964). .. .. .. | 68,020 | 2.30 |
| VIII—Roads, Drains and Sewers (including debt charges amounting to Rs. 58,939) .. .. .. | 95,960 | 1.50 |
| X—Buildings, Land Acquisition and Management .. | 24,860 | 1.05 |
| XIV—Markets and Slaughter Houses .. .. .. | 24,420 | 4.52 |

Against the estimate of Rs. 2,92,500 shown in the Revised Estimates for lapsed grants required to be renewed, the actual figure now works out at Rs. 4,09,600 showing an increase of Rs. 1,71,100 over the former figure. This figure is made up of Rs. 1,44,878 on account of interest, etc., charges on Municipal debentures due but not paid upto the end of 1937-38 and the balance of Rs. 2,64,722 is intended for meeting liabilities incurred and to be incurred.

16. The final sanctioned grants for the year aggregated Rs. 3,36,42,984 against which the actuals amounted to Rs. 3,27,48,184, leaving an unexpended balance of Rs. 8,94,800 at the close of the year. Of this Rs. 4,09,600 are being renewed for expenditure during 1938-39, the balance, *viz.*, Rs. 4,85,200, being treated as savings on final grants sanctioned as detailed in Appendix No. 4.

The main factors contributing to the decreases are as follows :—

| Budget Head. | Amount. | Remarks. |
|---|---|---|
| | Rs. | |
| I—General Supervision, etc.— | | |
| A.—General Superintendence— | | |
| (*c*) Audit and Accounts .. .. | 5,387 | Decrease mainly under Establishment. |
| B.—Collection of Revenue— | | |
| (*a*) Property and Wheel Tax Estt.. | 8,086 | |
| (*c*) Town Duty Refund Branch .. | 5,192 | |

| Budget Head. | Amount. | Remarks. |
|---|---|---|
| I—General Supervision, etc.—*contd.* | Rs. | |
| E.—Miscellaneous Charges .. .. | 7,652 | Of this, Rs. 3,512 represents savings on the work of illuminating the Head Office on the occasion of His Imperial Majesty the King Emperor's Coronation and the balance is made up of small savings under the various other heads. |
| F.—Election Expenses .. .. .. | 29,794 | Decrease due to the General Elections to be held in 1937-38 having been postponed by a year by a legislative Act with a view to revising the Municipal constitution on a more democratic basis. |
| II—Water Works— | | |
| Debt Charges.. .. .. .. .. | 9,709 | Due mainly to the loan of Rs. 30 lakhs to be raised in 1937-38 not having been taken up. |
| III—Education, Primary— | | |
| A.—Municipal Institution .. .. | 39,316 | Decrease mainly due to less contribution required to be made to the Schools Committee. |
| V—Public Health Department— | | |
| A.—General Supervision .. .. .. | 5,954 | Decrease mainly under Establishment, Rewards to Rat-Catchers and purchase of Milk and Food Samples. |
| C.—Vaccination .. .. .. .. | 19,373 | Due to less expenditure on purchase of lymph than anticipated on account of the Small-Pox Epidemic. |
| VI—Medical Relief and Education— | | |
| A.—Hospitals and Dispensaries— | | |
| (*a*) Infectious Diseases Hospitals .. | 9,869 | This is made up of decrease under Arthur Road Hospital of Rs. 6,518 mainly under Diets, Repairs and Epidemics and under Maratha Hospital of Rs. 3,351 mainly under Establishment, Diets and Repairs. |
| D.—Grants-in-aid to Public Medical Institutions. | 10,517 | The main items contributing to the decrease are (1) Acworth Leper Home, Rs. 2,325, (2) N. N. Wadia Maternity Home, Rs. 5,537 and (3) Bai Jerbai Wadia Children's Hospital, Rs. 2,194. |
| H.—King Edward Memorial Hospital .. | 10,595 | This is made up of decreases under Establishment and under various other heads of small amounts. |
| I.—G. S. Medical College.. .. .. | 9,434 | |
| VII—Street Cleansing and Conservancy— | | |
| A.—Street Cleansing and Conservancy— | | |
| (*f*) Miscellaneous .. .. .. | 5,904 | Decrease under Special Repairs, Ground Rent and Water supply. |
| New Works .. .. .. | 9,966 | This represents savings on works completed including Rs. 4,337 on account of work abandoned. |
| VIII—Roads, Drains and Sewers— | | |
| A.—General .. .. .. .. | 12,950 | Decrease under Establishment. |
| B.—Maintenance of Roads .. .. | 31,356 | Less expenditure under Establishment, Labour, Cartage and Repairs to Capital Roads. |
| C.—Public Lighting .. .. .. | 16,126 | The chief items contributing to the decrease are Lighting by Gas and Maintenance of Incandescent Oil Lamps. |
| D.—Cleansing of Drains, etc. .. .. | 11,156 | Less expenditure under Labour and under Repairs and Alterations. |
| Debt Charges .. .. .. | 18,783 | Due mainly to the loan of Rs. 30 lakhs to be raised in 1937-38 not having been taken up. |

| Budget Head. | Amount. | Remarks. |
|---|---|---|
| IX—Mechanical— | Rs. | |
| B.—Pumping and Compressor Stations— | | |
| (*b*) Pumping Stations in the City— | | |
| (*i*) Pumping Station, Love Grove .. .. .. | 6,795 | Decrease under Labour, Electric Current and Stores. |
| (*viii*) Pumping Station at Matunga .. .. | 6,132 | Decrease under Electric Current and Stores. |
| (*c*) Purification Works .. .. | 9,345 | Decrease mainly under Electric Current and Materials. |
| (*d*) Compressor Stations in the City— | | |
| (*i*) Compressor Station, Colaba | 5,116 | Decrease under Electric Power, Repairs and Stores. |
| (*ii*) Compressor Stations, Victoria Gardens, Ferguson Road and Warden Road. | 7,925 | Decrease under Establishment, Electric Current and Stores. |
| X—Buildings, Land Acquisition and Management— | | |
| B.—Inspection and Supervision of Private Buildings. | 5,525 | Less expenditure under Establishment. |
| C.—Architectural .. .. .. .. | 6,894 | Do. do. do. do. |
| D.—Land Acquisition and Management.. | 9,657 | Less expenditure under Establishment, Repairs and Maintenance, Special Repairs to acquired properties and Minor Works in connection with the disposal of surplus Lands. |
| Debt Charges .. .. .. | 8,177 | Due mainly to the loan of Rs. 30 lakhs to be raised during 1937-38 not having been taken up. |
| XIII—Gardens and Open Spaces— | | |
| A.—Gardens— | | |
| (*a*) Victoria Gardens .. .. | 5,860 | The main decrease is under Zoological Collections—Feed of Animals of Rs. 2,958 and the balance is comprised of small savings under various other Minor Heads. |
| XIV—Markets and Slaughter Houses— | | |
| (*b*) Municipal Markets .. .. | 9,703 | Decrease mainly under Establishment, Lighting, Repairs and Maintenance and Special Repairs. |

## LOAN FUNDS.

17. In the Budget for 1937-38 the new loan to be raised was estimated at Rs. 30 lakhs. The Corporation, under their Resolution No. 506 of 11th October 1937 sanctioned the raising of the amount at 3 per cent. interest per annum with a currency of 30 years, the loan being wholly reserved for investment of the Municipal Sinking and Special Funds. As however the loan works expenditure fell short of the budgetted expenditure the raising of the loan has been deferred to 1938-39. The Capital Expenditure during the year was financed by raising the balance of Rs. 6 lakhs out of the loan of Rs. 24½ lakhs sanctioned for 1936-37 and by taking a temporary advance of Rs. 18.75 lakhs at 3 per cent. interest per annum from the Land Sales Reserve Fund as provided in the Revised Budget. In addition to this, an advance of Rs. 1,91,500 was taken from the Net Premia Fund for purchase of Plant and Machinery. The advance is repayable by annual equated instalments based on the average life of the Machinery, at 3 per cent. interest per annum.

## LOAN WORKS EXPENDITURE.

18. The opening balance on 1st April 1937 on account of Loan Funds including the advance from Special Fund for the purchase of Plant and Machinery but excluding the Trust Funds was Rs. 5,96,403. Adding to this Rs. 26,66,500 raised during the year the total funds available for expenditure were Rs. 32,62,903. The actual expenditure incurred during the year amounted to Rs. 32,31,453 leaving an unspent balance of Rs. 31,450 at the close of the year.

19. The following statement contrasts the expenditure on Capital Works with the Budget and the Revised Estimates during the last five years :—

| Year. | Loan and Trust Funds. | | | Percentage by which actuals fell short of Budget Estimates. | Percentage by which actuals fell short of Revised Estimates. |
|---|---|---|---|---|---|
| | Budget Estimates. | Revised Estimates. | Actuals. | | |
| | Rs. | Rs. | Rs. | | |
| 1933–34 .. .. | 10,08,499 | 11,28,421 | 8,70,346 | 14 | 23 |
| 1934–35 .. .. | 14,00,904 | 13,04,889 | 5,47,000 | 61 | 58 |
| 1935–36 .. .. | 12,38,053 | 18,50,344 | 11,82,800 | 4 | 36 |
| 1936–37 .. .. | 21,38,551 | 24,01,782 | 16,94,419 | 21 | 29 |
| 1937–38 .. .. | 58,70,674 | 55,14,681 | 32,25,152 | 45 | 42 |

The above figures do not include the amount o account of subvention and discount and other charges on the New Loan.

The Revised Estimates adopted by the Corporation were for Rs. 55,45,481 including Rs. 300 on account of subvention and Rs. 30,500 on account of charges for raising the new loan. The amount of Rs. 32,25,152 shown as the actual expenditure is arrived at as follows :—

| | Rs. | Rs. |
|---|---|---|
| Expenditure as shown in the summary of Appendix No. 8 .. .. .. .. | | 32,31,453 |
| *Deduct*— | | |
| Expenditure on account of subvention .. | 300 | |
| Expenditure for raising the new loan .. | 6,001 | |
| | | 6,301 |
| | | 32,25,152 |

I have repeatedly drawn attention in the previous reports to this disparity between Estimates and Actuals. The actuals have fallen short of the Revised Estimates by 42 per cent.

## APPENDIX NO. 8.

20. The following statement shows the figures of actual expenditure as compared with the Revised Estimates under the major heads :—

| | Revised Estimates. | Actuals. |
|---|---|---|
| LOAN WORKS. | Rs. | Rs. |
| II.—Water Works, Ordinary .. .. .. .. | 6,08,114 | 5,36,517 |
| III.—Education, Primary. .. .. .. .. .. | 6,000 | 47 |
| V.—Public Health Department .. .. .. .. | 15,216 | .... |
| VI.—Medical Relief and Education.. .. .. .. | 4,44,845 | 2,61,742 |
| VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.. .. .. .. | 1,43,300 | 91,944 |
| VIII.—Roads, Drains and Sewers .. .. .. .. | 28,56,052 | 18,94,502 |
| IX.—Mechanical .. .. .. .. .. .. | 1,05,965 | 38,340 |
| X.—Buildings, Land Acquisition and Management .. | 6,68,802 | 1,41,156 |
| XI.—Fire Brigade .. .. .. .. .. .. | 60,000 | 41,879 |
| XIV.—Markets and Slaughter Houses .. .. .. | 90,000 | 27,954 |
| XV.—Slum Service .. .. .. .. .. .. | 2,00,000 | .... |
| Discount and other charges on the New Loan .. | 30,500 | 6,001 |
| Plant and Machinery .. .. .. .. .. | 3,16,687 | 1,91,371 |
| Total Rs. .. | 55,45,481 | 32,31,453 |

21. Following the classification made of all the Loan Works under three distinctive groups for the purpose of appraising the distinctive character and value to the City in relation to the outlay, the allocation of outstanding debt as at 31st March 1938 and the debt charges involved during 1937-38 will be seen from the following :—

| Particulars of City Service. | Amount of Loan outstanding on 31st March 1938. | Debt charges for 1937-38. | | | | Total Debt Charges. |
|---|---|---|---|---|---|---|
| | | Debt Interest. | Interest accrued but not paid. | Sinking Fund and Repayments. | Bank's Commission & Miscellaneous Loan charges. | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| General Services .. .. | 8,96,93,722 | 41,23,225 | 12,270 | 24,79,298 | 9,163 | 66,23,956 |
| Self-supporting Services— | | | | | | |
| Water Works .. .. | 6,42,14,366 | 32,95,937 | 988 | 19,12,839 | 7,596 | 52,17,360 |
| Fire Brigade .. .. .. | 6,33,241 | 26,528 | 305 | 17,979 | 53 | 44,865 |
| Markets & Slaughter Houses. | 16,83,172 | 86,712 | .. | 73,821 | 94 | 1,60,627 |
| Total .. | 6,65,30,779 | 34,09,177 | 1,293 | 20,04,639 | 7,743 | 54,22,852 |
| Grand Total .. | 15,62,24,501 | 75,32,402 | 13,563 | 44,83,937 | 16,906 | 1,20,46,808 |

## SINKING FUNDS.

22. From Appendix No. 10 it will be seen that the book value of the Sinking Funds as on 31st March 1938 amounted to Rs. 3,01,53,328 made up of Rs. 3,01,53,221 being the book value of Securities and Rs. 107 in cash with the Imperial Bank of India. Valuing the Municipal and Improvement Trust Debentures at par, the market value of Sinking Fund Investments held on 31st March 1938 comes to Rs. 3,28,56,229. This, together with the amount of interest accrued upto 31st March 1938, *viz.*, Rs. 3,86,895 and cash with the Imperial Bank of India Rs. 107 brings the total amount of Sinking Fund to Rs. 3,32,43,231 and more than covers the amount, *viz.*, Rs. 3,26,12,998 to which the Sinking Funds should have accumulated upto 31st March 1938.

23. The following statement summarises the debt position at the end of the year, during the last three years :—

| Year. | Debt Outstanding. | Sinking Fund Accumulations. | Debt Charges. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| 1935-36 .. .. .. | 15,90,09,000 | 2,65,62,095 | 1,21,43,456 |
| 1936-37 .. .. .. | 15,65,25,478 | 2,74,05,128 | 1,19,45,222 |
| 1937-38 .. .. .. | 15,62,24,501 | 3,01,53,328 | 1,20,46,808 |

## LIABILITIES AND ASSETS.

### Appendices Nos. 5 and 7.

24. It will be seen that the gross revenue liabilities of the Corporation stood at Rs. 4,07,47,138, the assets being Rs. 4,59,86,349. The difference of Rs. 52,39,211 represents the surplus Revenue Funds of which the details are shown in Appendix No. 2.

25. The gross Capital Liabilities of the Corporation including the balances available on account of Trust Fund and Worn-out Water Mains Renewal Fund stood at Rs. 15,65,68,011 at the close of the year under report and the Assets at Rs. 28,79,61,332 resulting in a surplus of Rs. 13,13,93,321, the details of which are shown in Appendix No. 7.

## INVESTMENTS AND INVESTED BALANCES.

26. The total sum of investment and reinvestment in Current Account and Fixed Deposits during the year aggregated to Rs. 5,12,00,000 and the average number of days during which this sum remained invested was 127.45. This is equivalent to an investment of Rs. 1,78,79,104 throughout the year.

The details are as follows :—

| Particulars. | Amount. Rs. | Average No. of Days. |
|---|---|---|
| | Rs. | |
| (1) Current Account Deposits .. .. .. .. | 1,34,00,000 | 28.34 |
| (2) Fixed Deposits .. .. .. .. .. .. | 3,78,00,000 | 162.59 |
| Total Rs. | 5,12,00,000 | 127.45 |

The interest earned during the year amounted to Rs. 3,19,409 and the details are as follows :—

| | Rs. |
|---|---|
| (1) On Current Account Deposits .. .. .. .. .. | 5,200 |
| (2) On Fixed Deposits .. .. .. .. .. .. | 2,52,764 |
| | 2,57,964 |
| (3) On Investments in Public Securities, etc. .. .. .. | 61,445 |
| | 3,19,409 |

The average rate of interest on Current Account Deposits was .50 per cent. against .78 per cent. in the preceding year. The average rate of interest on fixed deposits was 1.50 per cent. as against 1.30 per cent. in the preceding year. The rate realised on fixed deposits ranged from $\frac{3}{4}$ per cent. to $2\frac{1}{2}$ per cent. The maximum rate realised on fixed deposits in the preceding year was $1\frac{3}{4}$ per cent.

The average rate of interest on all deposits was 1.44 per cent. as against 1.26 per cent. in the preceding year.

## SPECIAL FUNDS.

### Appendices Nos. 6 and 16.

27. The opening balances to the credit of the different special funds, the additions made thereto, and the withdrawals made therefrom and the closing balances during the year are shown in Appendix No. 6. The details of different investments and the current market value are shown in Appendix No. 16, while Appendices Nos. 5 and 7 contain the total amount of paper held in each Fund and the cash balance to its credit at the Imperial Bank of India.

## WATER WORKS ACCOUNT.

### Appendix No. 12.

*Income and Expenditure Account.*

28. The following statement shows the Income and Expenditure for the year as contrasted with the Budget Estimates and the Actuals for the preceding year :—

| | 1937-38. | | Actuals for 1936-37. | Increase or Decrease as compared with | |
|---|---|---|---|---|---|
| | Budget. | Actuals. | | The Budget. | The previous Year's Actuals. |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Income on Value .. .. .. | 33,14,300 | 33,63,883 | 32,23,585 | + 49,583 | + 1,40,298 |
| By Measurements .. .. .. | 36,58,029 | 38,79,494 | 35,78,914 | + 2,21,465 | + 3,00,580 |
| Miscellaneous .. .. .. | 2,09,000 | 3,07,004 | 2,35,073 | + 98,004 | + 71,931 |
| | 71,81,329 | 75,50,381 | 70,37,572 | + 3,69,052 | + 5,12,809 |
| Expenditure—Maintenance .. | 11,81,964 | 11,59,651 | 10,57,973 | — 22,313 | + 1,01,678 |
| Debt Charges .. .. .. | 52,34,151 | 52,17,360 | 52,19,038 | — 16,791 | — 1,678 |
| | 64,16,115 | 63,77,011 | 62,77,011 | — 39,104 | + 1,00,000 |
| Balance .. .. .. .. | + 7,65,214 | +11,73,370 | + 7,60,561 | .... | .... |

APPENDIX No. 12A.

*Assets and Liabilities.*

29. The liabilities at the close of the year stood at Rs. 7,97,10,494 and the Assets aggregated Rs. 11,18,15,494. The excess of assets over liabilities thus amounted to Rs. 3,21,05,000.

## MARKETS AND SLAUGHTER HOUSES ACCOUNT.

APPENDIX No. 13.

*Income and Expenditure Account.*

30. The following statement shows the Income and Expenditure for the year as compared with the Budget Estimates and the Actuals for the preceding year :—

| | 1937-38. | | Actuals for 1936-37. | Increase or Decrease as compared with | |
|---|---|---|---|---|---|
| | Budget. | Actuals. | | The Budget. | The previous Year's Actuals. |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Income .. .. .. .. | 11,73,000 | 12,46,234 | 11,99,227 | + 73,234 | + 47,007 |
| Expenditure under IX—Mechanical, D—Transport and E—Refrigerator .. .. | 79,294 | 75,820 | 79,307 | — 3,474 | — 3,487 |
| Under XIV—Market and Slaughter Houses .. .. | 5,22,458 | 4,96,158 | 4,65,319 | — 26,300 | + 30,839 |
| | 6,01,752 | 5,71,978 | 5,44,626 | — 29,774 | + 27,352 |
| Balance .. .. .. .. | + 5,71,248 | + 6,74,256 | + 6,54,601 | .... | .... |

## SUSPENSE ACCOUNTS.

APPENDIX No. 14.

*Municipal Printing Press.*

31. A reference to the Income and Expenditure Account of the Municipal Printing Press will show that the expenditure for the year (including Rs. 1,993 on account of the proportionate share of Test Audit Officer's salary but excluding rent charges for premises occupied) was Rs. 76,743 and the amount charged to the departments and private parties Rs. 79,303 resulting in an apparent surplus of Rs. 2,560, which is roughly equivalent to the rent that would have been payable if the Press had been accommodated in hired premises.

APPENDICES NOS. 14 A & B.

32. The following statement shows the opening and closing balances of recoverable advances for the year 1937-38 :—

| | Balance at the beginning. | Balance at the close. | REMARKS. | |
|---|---|---|---|---|
| | Rs. | Rs. | | |
| Departmental Works .. .. | 24,180 | 85,929 | | |
| Private Works .. .. .. | 48,695 | 55,618 | | Rs. |
| Asphalt Plant, Crushers, &c. .. | 47,526 | 82,522 | The closing balances of outstanding bills and of stock on hand at Asphalt plant at Sewri and Love Grove Crushers and for Mechanical Transport aggregated .. .. .. | 91,653 |
| | | | *Deduct* :—Profit in respect of Asphalt Plant for 1937-38 to be adjusted during 1938-39 .. .. .. .. | 9,131 |
| | | | | 82,522 |
| Municipal Officers .. .. .. | 29,195 | 30,398 | | |
| Miscellaneous Advances .. .. | 61,520 | 62,485 | Includes Rs. 20,000 being the Municipal contribution to the Schools Committee for maintaining the minimum cash balance. | |
| Improvement Schemes .. .. | 73,000 | 66,580 | This is mainly in connection with advances to meet Court costs and Solicitors' out-of-pocket expenses. | |
| Municipal Contractors, etc. .. | 384 | 239 | | |
| Purchase of Coal .. .. .. | 2,020 | 4,464 | Represents the value of coal on hand at the close of the year. | |
| Carried forward .. .. .. | 2,86,520 | 3,88,235 | | |

| | Balance at the beginning. | Balance at the close. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| Brought over .. | 2,86,520 | 3,88,235 | |
| Purchase of Petrol .. .. .. | 6,963 | 10,403 | Shows the value of petrol on hand at the close of the year together with outstanding bills. |
| | 2,93,483 | 3,98,638 | |
| Advances from Special Funds for Capital Works .. .. .. | 39,27,536 | 59,10,974 | This represents the aggregate balance out of the advances taken from Special Funds from time to time for Capital Works as sanctioned by the Corporation repayable on the basis of equated payments. |
| Advance from Plant and Machinery Depreciation Fund for purchase of Machinery, etc. .. .. | 1,61,746 | 1,40,067 | This represents advance for purchase of Plant and Machinery (other than that purchased by way of replacement) to be recovered by means of the provisions for Depreciation to be made in subsequent years. |
| Charges met out of advance from Plant and Machinery Depreciation Fund for levelling, metalling, &c., private streets .. .. .. | 38,390 | 47,576 | Represents the outstanding balance of recoveries to be made from various frontagers, &c., of Private Streets for cost of improvements carried out under Section 489 of the Municipal Act. |
| Advance from Fines Fund to the Mechanical Employees' Co-operative Credit Society .. .. | .... | 5,000 | Represents the amount advanced to the Bombay Municipal Mechanical Employees' Co-operative Credit Society to be recovered within five years as sanctioned by the Corporation. |
| Advance from Net Premia Fund .. | .... | 5,35,000 | Represents the amount advanced for meeting claim of Bombay Port Trust for refund of excess amount of General Tax pending recoupment within three years as sanctioned by the Corporation. |
| | 41,27,672 | 66,38,617 | |
| Total Rs. .. | 44,21,155 | 70,37,255 | |

## DEPOSITS.

### Appendix No. 14 C.

33. The opening balances on 1st April 1937 stood at Rs. 44,82,065. The credits during the year amounted to Rs. 1,20,39,345 and the debits to Rs. 74,10,770. The closing balances aggregated Rs. 91,10,640 resulting in a net increase of Rs. 46,28,575 as compared with the previous year.

During the year the debit and credit figures as well as the closing balances under E—Paper Deposits from Contractors, etc., kept in office treasury, have swelled to the extent of Rs. 20,30,000, Rs. 62,40,000 and Rs. 42,10,000 respectively due to following reasons :—

(1) The Bombay Improvement Trust has borrowed from Government from time to time loans aggregating Rs. 476 lakhs for which *ad hoc* debentures bearing 4½ per cent. interest were issued to them. The Trust had further entered into an agreement for the re-purchase of these debentures in certain annual instalments and in accordance with this arrangement, debentures of the face value of Rs. 14 lakhs were re-purchased on 31st March 1937 and held in the office treasury account.

(2) In the year 1935-36, we deposited with Government, 6 per cent. debentures of the Bombay Improvement Trust loan of Rs. 70 lakhs 1920, of the face value of Rs. 42,58,000 as security against the outstanding balance of Rs. 35 lakhs and 8 lakhs loans borrowed from them in the years 1931-32 and 1932-33, for which no debentures were issued. Out of the securities so deposited Government released debentures of the face value of Rs. 30,000 in 1937-38 against the amount of principal repaid on 31st March 1937. They were held in the office treasury account and sent to the Bank for safe custody during the year. The outstanding balances of the

above loans together with the balance of the conversion loan of 1935-36 were consolidated into one loan at the average flat rate of interest at 3·3759 per cent. repayable over a period of 44 years in half-yearly equated instalments payable on 31st July and 31st January each year. As the loans for which the debentures were deposited as security, did not exist in their original form the securities of the face value of Rs. 42,10,000 were released by Government and held in the office treasury account at the close of the year pending their issue to the Bank for safe custody in the following year.

(3) Out of the loan of Rs. 24½ lakhs reserved for investment of the Municipal Sinking and Special Funds, debentures of the face value of Rs. 18½ lakhs were issued in 1936-37, securities for the balance of Rs. 6 lakhs being issued in 1937-38. This was temporarily held in the office treasury account and sent to the Bank for safe custody.

The main increases were of Rs. 90,632 under A (1) Cash Deposits from Contractors, Rs. 30,558 under (2) Cash Deposits from Tenderers, Rs. 2,17,297 under B—Cash Deposits from Private Parties received through Departmental Officers (Hydraulic Engineer Rs. 32,607, Assessor and Collector, Rs. 71,149; Estate Agent and Land Manager Rs. 1,07,751, and other officers Rs. 5,790), Rs. 1,30,700 under F—Paper Deposits from Contractors, etc., kept in Bank and Rs. 79,400 under G—Paper Deposits from Lessees kept in Bank; counterbalanced by decreases of Rs. 2,934 under B—Cash Deposits from Private Parties received through Departmental Officers (City Engineer Rs. 709 and Executive Health Officer Rs. 2,225), of Rs. 29,206 under C—Other Cash Deposits of, Rs. 32,373 under D—Cash Deposits from Lessees and of Rs. 14,500 under E (2) Paper Deposits from Tenderers kept in office treasury.

## RESERVE STOCK.

34. The opening balance and the receipts of General Stores during the year as per my books were Rs. 1,61,109 and Rs. 7,02,960 respectively and the issues amounted to Rs. 6,42,391. The closing balance of General Stores was therefore Rs. 2,21,678, *i.e.*, more by Rs. 60,569 than the opening balance.

## DEPARTMENTAL STOCK VERIFICATION.

35. Detailed verification of the reserve Stock at the Central Stores and the two Sub-Stores at Foras Road and the B. B. Pipe Depot for the year 1937-38 was commenced in December 1937 and completed in March 1938 and the record of receipts and issues was found to be satisfactory. There were minor discrepancies in the Stock resulting in a net excess of Rs. 1,077-10-0.

The verification of Line Suspense Account and other Stores outside Bombay was carried out in October 1937 and it was found that two 48″ C.I. Collars were missing. This was attributed to theft and information given to the Police.

36. Verification of all stocks of consumable Stores including Stationery, Plant, Machinery, Animals, Furnitures, &c. was continued during the year. The programme of verification was altered at times and surprise checks were instituted in the various offices situated in different parts of the City. The registers both of the Municipality and the Improvement Schemes were posted regularly and minor discrepancies rectified as early as possible.

37. The balances of General Serviceable Stores in charge of the Storekeeper are compared below for the last five years :—

| | | | | | | | | Rs. |
|---|---|---|---|---|---|---|---|---|
| Balance at the close of | | | 1933-34 | .. | .. | .. | .. | 2,27,628 |
| ,, | ,, | ,, | 1934-35 | .. | .. | .. | .. | 2,06,923 |
| ,, | ,, | ,, | 1935-36 | .. | .. | .. | .. | 2,05,198 |
| ,, | ,, | ,, | 1936-37 | .. | .. | .. | .. | 1,61,109 |
| ,, | ,, | ,, | 1937-38 | .. | .. | .. | .. | 2,21,678 |

## CAPITAL STORES.

The opening balance of Rs. 1,12,080 together with the receipts of Capital Stores during the year aggregated Rs. 9,27,129 and the issues Rs. 7,36,834 thus resulting in an increase of Rs. 78,215 in the closing balance of Capital Stores, *viz.*, Rs. 1,90,295 as compared with the opening balance.

## STREET IMPROVEMENTS.

38. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of setbacks was Rs. 6,75,000, the expenditure being Rs. 5,74,777.

After deducting all ascertained time-barred claims, the undischarged commitments upto 31st March 1938 in regard to setbacks already acquired and sanctioned to be acquired amount to Rs. 19,70,366 against which we have a provision of Rs. 6,50,000 (excluding Rs. 1 lakh earmarked for adding the setback lands to the roads) in the Budget for 1938-39. In addition to this, further liabilities may be expected on account of further acquisition of setbacks that will be sanctioned during 1938-39.

## LEVELLING, METALLING, &C., PRIVATE STREETS.

39. The expenditure on the improvement of private streets is financed in the first instance from the Plant and Machinery Depreciation Fund pending recovery from the house owners.

The following statement shows the figures of advance sanctioned, expenditure incurred and recoveries made during the last five years :—

| Year. | Grant (Advance from Plant and Machinery Depreciation Fund). | Expenditure. | | | | Recoveries inclusive of Interest and Supervision Charges. |
|---|---|---|---|---|---|---|
| | | Actual Expenditure on Works. | Supervision charges. | Interest, etc., on Advance. | Total. | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1933-34 .. .. .. | 75,000 | 11,861 | 10,450 | 4,498 | 26,809 | 66,439 |
| 1934-35 .. .. .. | 75,000 | 4,073 | 7,433 | 2,734 | 14,240 | 47,064 |
| 1935-36 .. .. .. | 50,000 | 13,341 | 3,775 | 1,683 | 18,799 | 23,421 |
| 1936-37 .. .. .. | 25,000 | 15,543 | 4,114 | 1,783 | 21,440 | 24,864 |
| 1937-38 .. .. .. | 88,560 | 19,147 | 2,159 | 2,033 | 23,339 | 14,153 |
| | | | | Total .. | 1,04,627 | 1,75,941 |

The amount outstanding on 1st April 1938 was Rs. 1,18,890. Adding Rs. 1,04,627 on account of expenditure incurred during the years 1933-34 to 1937-38 and deducting Rs. 1,75,941 recovered during the same period, the amount outstanding at the close of the year 1937-38 comes to Rs. 47,576 as shown in Appendix No. 5.

## CONVERSION OF INSANITARY PRIVIES INTO WATER-CLOSETS.

40. The scheme of accelerating the conversion of insanitary basket privies into water-closets by subsidising house owners was sanctioned under Corporation Resolution No. 2087 of 14th June 1927. The total number of privies in sewered area to be converted was estimated at 33,000. Subventions granted to house owners were at the rate of Rs. 100 per seat upto 30th September 1929, thereafter at Rs. 75 per seat upto 30th April 1931, at Rs. 50 per seat from 1st May 1931 to 30th November 1931, no subsidy being payable after 1st December 1931.

The following statement shows the number of privies converted and the subsidy granted from the date of inception of the scheme :—

| Year ending. | No. of Privies Converted. | | | | | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | At Rs. 100 per seat. | Amount. | At Rs. 75 per seat. | Amount. | At Rs. 50 per seat. | Amount. | No. converted. | Amount paid. |
| | | Rs. | | Rs. | | Rs. | | Rs. |
| 31-3-1929 .. .. | 904 | 90,400 | .. | .. | .. | .. | 904 | 90,400 |
| 31-3-1930 .. .. | 4,752 | 4,75,200 | .. | .. | .. | .. | 4,752 | 4,75,200 |
| 31-3-1931 .. .. | 4,878 | 4,87,800 | 2,496 | 1,87,200 | .. | .. | 7,374 | 6,75,000 |
| 31-3-1932 .. .. | 999 | 99,900 | 5,304 | 3,97,800 | 46 | 2,300 | 6,349 | 5,00,000 |
| 31-3-1933 .. .. | 88 | 8,800 | 2,306 | 1,72,950 | 1,365 | 68,250 | 3,759 | 2,50,000 |
| 31-3-1934 .. .. | 32 | 3,200 | 796 | 59,700 | 711 | 35,550 | 1,539 | 98,450 |
| 31-3-1935 .. .. | 3 | 300 | 62 | 4,650 | 53 | 2,650 | 118 | 7,600 |
| 31-3-1936 .. .. | 4 | 400 | 12 | 900 | 15 | 750 | 31 | 2,050 |
| 31-3-1937 .. .. | 1 | 100 | 9 | 675 | .. | .. | 10 | 775 |
| 31-3-1938 .. .. | .. | .. | 4 | 300 | .. | .. | 4 | 300 |
| | 11,661 | 11,66,100 | 10,989 | 8,24,175 | 2,190 | 1,09,500 | 24,840 | 20,99,775 |

The number of halalkhores before the commencement of the conversion was 2,021 and on 31st March 1938 the number was reduced to 819. The saving on account of the pay of 1,202 halalkhores amounts to Rs. 3,38,964 per annum as against the debt charges of Rs. 1,44,271 per annum. It may however be stated that a part of the reduction was due to redistribution of the work.

## IMPROVEMENT SCHEMES.

### General Account.

### INCOME.

41. The total Income for the year amounted to Rs. 1,02,56,805 as against Rs. 1,00,31,492 for the preceding year showing an increase of Rs. 2,25,313 due to an increase in (1) Contribution from the Corporation of Rs. 2·18 lakhs, (2) Tobacco Duty Receipts of Rs. 0·64 lakh and (3) Miscellaneous Receipts of Rs. 0·34 lakh counterbalanced by decrease in (1) Land Revenue realizations of Rs. 0·64 lakh and (2) Interest and Profit on Investments of Rs. 0·27 lakh. A detailed comparison between the Budget Estimates and the Actuals will be found in Appendix No. 23.

### EXPENDITURE.

42. The total Expenditure for the year aggregated Rs. 96,88,025 as against Rs. 99,14,881 for the preceding year, showing a decrease of Rs. 2,26,856. This is made up of a decrease of Rs. 0·13 lakh under Maintenance of Properties and Streets and of Rs. 2·14 lakhs under Debt Charges. The expenditure of Rs. 96·88 lakhs comprises expenditure under Maintenance of Properties and Streets of Rs. 13·81 lakhs (inclusive of Rs. 5·85 lakhs on account of cost of Management & Establishment) and under Debt Charges of Rs. 83·07. Appendix No. 24 gives a comparison between the Final Sanctioned Grants and the Actuals.

43. The net surplus for the year amounts to Rs. 5,68,780 as shown in Appendix No. 22.

### LOANS.

44. The loan liabilities at the beginning of the year stood at Rs. 17,07,53,708. No loan was raised during the year.

The repayment of Loans during the year aggregated Rs. 36,47,121 out of which Rs. 6,42,121 were repaid to Government on the basis of equated payments out of Revenue in respect of advances taken from them and Rs. 30,05,000 were repaid to debenture holders (Rs. 8,000 in respect of Rs. 20 lakhs loan due for repayment on 1st November 1936 and Rs. 29,97,000 in respect of Rs. 30 lakhs loan due for repayment on 1st November 1937). The Sinking Fund Accumulations in respect of this loan amounted to Rs. 76,500 only on the date of maturity of the loan and accordingly the amount of Rs. 76,500 was paid out of Sinking Fund. The balance of Rs. 29,20,500 together with the amount of Rs. 8,000 in respect of the Rs. 20 lakhs loan was repaid out of Surplus balances in the Capital Account. The outstanding loan liabilities at the close of the year thus stood at Rs. 16,71,06,587. Out of this, the amount outstanding on account of Government loans shown in Appendix No. 29 as Rs. 8,81,92,087 requires some explanation as that amount is not really due to Government. Out of the debentures held by Government, debentures are repurchased every year for the purpose of Sinking Fund investments and the debentures thus held on 31st March 1938 amount to Rs. 1,56,00,000. The liability to Government on this account is therefore only Rs. 7,25,92,087. During the year the Government of Bombay proposed to consolidate the outstanding balances of loans advanced to the Municipal Corporation (Improvement Schemes Account) in the years 1931-32, 1932-33 and 1935-36, *viz.*, Rs. 35 lakhs, Rs. 8 lakhs and Rs. 370 lakhs respectively aggregating Rs. 4,12,34,208 into one loan on an average flat rate of interest, *viz.*, 3·3759 per cent. repayable over a period of 44 years in half-yearly instalments payable on 31st July and 31st January each year, the first instalment being payable on 31st July 1937. The proposal was approved under Corporation Resolution No. 365, dated 5th August 1937.

### CAPITAL ACCOUNT.

45. The opening balance on 1st April 1937 was Rs. 33,64,571. During the year under report receipts on account of sale proceeds of lands and buildings amounted to Rs. 21,63,881. There was a further receipt of Rs. 42,40,000 on account of release of debentures deposited with Government as the terms and conditions on which the loans of Rs. 35 lakhs and Rs. 8 lakhs for which the Securities were deposited did not now exist.

These, together with the surplus of Rs. 5,68,780 transferred from the General Account, brought the total of funds available to Rs. 1,03,37,232. Against this, the expenditure incurred on works amounted to Rs. 9,50,450. The amount paid towards the repayment of Rs. 20 lakhs loan due 1st November 1936 and Rs. 30 lakhs loan due 1st November 1937 was Rs. 29,28,500. The unspent balance at the close of the year thus stood at Rs. 64,58,282.

## EXPENDITURE ON SCHEMES.

APPENDIX No. 26.

46. The actual expenditure incurred during the year on Schemes amounted to Rs. 9,50,450 (Gross Expenditure Rs. 9,53,708 less credit Rs. 3,258 for sale of Stores) as against the Revised Estimates of Rs. 16,27,950 (including Rs. 1,33,704 on account of Cost of Management and Establishment). The total expenditure on Schemes upto 31st March 1938 amounted to Rs. 18,52,39,118 of which Rs. 14,65,586 is on account of discount and other charges on loans.

## SINKING FUNDS.

47. The state of the Sinking Fund is shown below :—

| Amount of Fund at 1st April 1937. | Interest, &c., realisations. | Sinking Fund Instalments. | *Less* :— Withdrawn for repayment. | Amount of the Fund at 31st March 1938. |
|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. |
| 2,10,01,545 | 9,56,614 | 6,15,241 | 76,500 | 2,24,96,900 |

From Appendix No. 28 it will be seen that in the books of Accounts the Sinking Fund as on 31st March 1938 amounts to Rs. 2,24,96,900 of which Rs. 2,24,96,549 represents the book value of the securities and Rs. 351 in cash with the Imperial Bank of India. Valuing the Bombay Improvement Trust and Municipal Debentures at par, the market value of the Sinking Fund Investments held on 31st March 1938 comes to Rs. 2,28,13,199 as shown in Appendix No. 30. This, together with the amount of interest accrued upto 31st March 1938, *viz.*, Rs. 1,15,134 and cash with the Imperial Bank of India, *viz.*, Rs. 351, brings the total amount of Sinking Fund to Rs. 2,29,28,684 against Rs. 2,00,18,038 the amount to which the Sinking Fund should have accumulated up to 31st March 1938.

## LIABILITIES AND ASSETS.

APPENDIX No. 25.

48. The gross capital liabilities of the Improvement Schemes stood at Rs. 17,18,67,557 at the close of the year under report and the assets at Rs. 21,89,55,269 including book value of lands comprised in Schedules ' W ' and ' X ' resulting in a surplus of Rs. 4,70,87,712, the details whereof are shown in Appendix No. 25.

## GENERAL REMARKS.

(000 OMITTED.)

49. Although in the Budget Estimates for the year a deficit of Rs. 8,15 was anticipated the actuals of Income and Expenditure show a surplus of Rs. 2,68. The year under report therefore proved more satisfactory than was anticipated in the Budget, owing to the increase in income of Rs. 9,20 and decrease in expenditure of Rs. 1,63.

Compared with the previous year the total revenue for the year shows a net increase of Rs. 9,58, *i.e.*, aggregate increases of Rs. 13,85 counterbalanced by decreases amounting to Rs. 4,27. The chief items contributing to the increases were Rs. 5,12 under Water Works, Rs. 1,31 under Halalkhore Tax, Rs. 4,36 under Roads, Drains & Sewers, Rs. 82 under Buildings, Land Acquisition and Management and Rs. 47 under Markets. The increase under Wheel Tax

requires special mention as it is more apparent than real. The reason for this is that the Wheel Tax on Public conveyances which was payable by the owners during the preceding year was paid during the year under report as the time for taking out licenses was extended by the Commissioner of Police. Further the figures of Wheel Tax for such conveyances are gross instead of net as in the preceding year, the rebate of Rs. 1,06 allowed on account of the Compounded Wheel Tax having been shown on the expenditure side. The increase under Water Tax is very satisfactory, as also those under Halalkhore Tax and Market Receipts. The position as regards General Tax cannot be defined as the dispute regarding valuation of the properties of the G. I. P. and the B.B. & C. I. Railways has not yet been settled.

As regards Expenditure, it is more by Rs. 8,19 than that of the preceding year. If we make allowance for the expenditure of Rs. 4,14 under Slum service included in the previous year, the expenditure has increased by Rs. 12,33. The main increases are:—Rs. 1,00 for Election, Rs. 1,00 under Water Works, Rs. 1,06 under Primary Education, Rs. 1,07 under Public Health and Conservancy, Rs. 1,22 under Hospital, Rs 2,16 under Roads, Drains and Sewers excluding rebate of Rs. 1,06 on account of the Compounded Wheel Tax, Rs. 1,03 under Mechanical and Rs. 68 under Buildings, Land Acquisition and Management, Rs. 64 under Fire Brigade and Rs. 2,18 under C. I. T. Contribution.

The salary of some of the menial staff has been recently increased and proposals to increase it in the case of others are still under consideration; and additional funds will have to be provided for Primary Education and for extension of Medical Relief by increasing the number of beds in the K. E. M. Hospital, Tuberculosis Hospital and Maternity Homes. The provision for debt charges will also have to be considerably increased in view of the heavy loan works programme that is ahead of us. It seems to me that expenditure is being increased without much regard to revenue and this is not sound finance.

As regards the Improvement Schemes, the position is satisfactory as the total income for the year amounted to Rs.1,02,57 against Rs. 1,00,31 for the preceding year showing an increase of Rs. 2,26 and the total expenditure aggregated Rs. 96,88 against Rs. 99,15 for the preceding year showing a decrease of Rs. 2,27 mainly due to the reduction of Debt Charges. This, however, is not a real reduction since it has been effected by making the currency of the consolidated loan longer than the original currency of the loan of Rs. 374 lakhs included therein.

I have the honour to be,

Sir,

Your most obedient servant,

M. R. TAMBE,

*Chief Accountant.*

# APPENDICES.

## MUNICIPAL ACCOUNT.

No. 1.—General Financial Statistics.

No. 2.—Statement of Surplus Revenue Fund for 1937-38.

No. 3.—Statement showing the Income realised during 1937-38 as compared with estimates for the year as also with the actuals for the preceding year.

No. 4.—Statement showing the expenditure during 1937-38 as compared with the Final sanctioned grants.

No. 5.—Balance Sheet (Revenue) as at 31st March 1938.

No. 6.—Statement of Special Funds for 1937-38.

No. 7.—Balance Sheet (Capital Funds) as at 31st March 1938.

No. 8.—Block Account, showing details of Capital Expenditure upto 31st March 1938.

No. 9.—Statement showing (1) the total amount of Municipal loans raised, (2) the expenditure incurred thereagainst and (3) the invested balance of the loans on 31st March 1938.

No. 10.—Statement showing the actual investment on account of the Sinking Fund of different Municipal Loans upto 31st March 1938 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund as at 31st March 1938.

No. 11.—Statement showing outstanding loans due by the Municipality the interest outstanding on 1st April 1937 on the different loans, the amount payable for the year 1937-38 the amount paid by the Imperial Bank of India and in office during that year and the balances outstanding on 31st March 1938.

No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1937-38 and preceding 5 years from Water supply through meters.

No. 12A.—Water Works Assets and Liabilities.

No. 13.—Markets and Slaughter Houses, Income and Expenditure Account for 1937-38.

No. 14.—Municipal Printing Press, Income and Expenditure for the year 1937-38.

No. 14A.—Statement of Advance Accounts for 1937-38.

No. 14B.—Statement of Advance Accounts out of Special Funds for 1937-38.

No. 14C.—Statement of Deposit Accounts for 1937-38.

No. 14D.—Statement of Reserve Stores Stock Accounts for 1937-38.

No. 14E.—Statement of interest accrued but not paid in respect of the Municipal loans outstanding on 31st March 1938.

No. 15.—Statement of amounts of receipts and expenditure respectively credited and debited to the Municipal Fund during the year 1937-38 and the balance at the credit of the fund at the close of the year 1937-38 (*i.e.* 31st March 1938).

No. 16.—Comparison of Face, Purchase, and Market values at 31st March 1938 of the different securities held in the Special Funds.

No. 16A.—Comparison of Face, Purchase and Market values at 31st March 1938 of the different securities held in the Sinking Funds.

No. 16B.—Statement showing the amount of and the object for which the donations held under Public Monuments Maintenance Fund are received from different parties upto 31st March 1938.

No. 16C.—Statement showing the amounts of and the object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1938.

No. 17.—Statement of Town Duties collected and refunds allowed in 1937-38.

No. 18.—Statement of the Income of the Bombay Municipality from 1865 to the close of the financial year 1937-38.

No. 19.—Statement of the Expenditure of the Bombay Municipality from 1865 to the close of the financial year 1937-38.

No. 20.—Contrasted statement of Income and Expenditure from the year 1865 to the financial year 1937-38.

## IMPROVEMENT SCHEMES ACCOUNT.

No. 21.—General Financial Statistics.

No. 22.—General Account for the year 1937-38.

No. 23.—General Account for 1937-38—Details of Income.

No. 24.—General Account for 1937-38—Details of Expenditure.

No. 25.—Balance Sheet (Capital Account) as at 31st March 1938.

No. 26.—Block Account showing Capital Expenditure upto 31st March 1938.

No. 27.—Statement showing scheduled lands as specified in the Schedules W to Z annexed to Act XIII of 1933.

No. 28.—Statement showing the actual investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1938 compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund, as at 31st March 1938.

No. 29.—Statement showing outstanding loans of the Bombay Improvement Trust due by the Municipality, the interest outstanding on 1st April 1937 on the different loans, the amount payable for the year 1937-38 the amount paid during that year and the balances outstanding on 31st March 1938.

No. 30.—Comparison of Face, Purchase and Market values at 31st March 1938 of the different securities held in the Sinking Fund.

# Appendix No. 1.

*General Financial Statistics.*

| —— | 1933-34. | 1934-35. | 1935-36. | 1936-37. | 1937-38 |
|---|---|---|---|---|---|
| *General.* | | | | | |
| 1. Area of the City (acres) .. | 15,714 | 15,714 | 15,714 | 15,714 | 15,714 |
| 2. Population.. .. .. | 1,161,383 | 1,161,383 | 1,161,383 | 1,161,383 | 1,161,383 |
| *Rates and Assessments.* | | | | | |
| 3. Ratable value .. Rs. | 12,89,40,777 | 13,08,88,611 | 13,24,96,000 | 13,31,56,299 | 13,62,69,866 |
| 4. Ratable value per head of population .. .. | Rs. 111-0-4 | Rs. 112-11-2 | Rs. 114-1-4 | Rs. 114-10-5 | Rs. 117-5-4 |
| 5. Properties registered in the Assessment Book .. | 47,749 | 48,241 | 47,641 | 48,164 | 48,207 |
| *Income.* | Rs. | Rs. | Rs. | Rs. | Rs. |
| | @ 11 per cent. | @ 12 per cent. | @ 12 per cent | @ 11 per cent. | @ 11 per cent. |
| 6. General Tax .. .. | 1,22,45,281 | 1,33,68,984 | 1,28,88,990 | 1,26,18,595 | 1,25,73,930 |
| 7. Income from other sources | 1,91,70,690 | 1,85,64,122 | 1,94,87,463 | 1,94,39,634 | 2,04,42,488 |
| Total Income .. Rs. | 3,14,15,971 | 3,19,33,106 | 3,23,76,453 | 3,20,58,229 | 3,30,16,418 |
| 8. Incidence of Taxation per head .. .. .. | Rs. 22-7-7 | Rs. 22-14-10 | Rs. 22-11-6 | Rs. 22-15-4 | Rs. 23-10-8 |
| *Loans.* | Rs. | Rs. | Rs. | Rs. | Rs. |
| 9. Debt outstanding .. | 16,91,47,465 | 16,65,35,519 | 15,90,09,000 | 15,65,25,478 | 15,62,24,501 |
| 10. Redemption and Sinking Funds in hand or invested .. .. .. | 2,90,72,442 | 3,03,30,619 | 2,65,62,095 | 2,74,05,128 | 3,01,53,328 |
| 11. Net Loan Debt .. .. | 14,00,75,023 | 13,62,04,900 | 13,24,46,905 | 12,91,20,350 | 12,60,71,173 |
| 12. Net Debt per head of population .. .. | Rs. 120-9-9 | Rs. 117-4-5 | Rs. 114-0-8 | Rs. 111-2-10 | Rs. 108-8-10 |
| *Expenditure.* | Rs. | Rs. | Rs. | Rs. | Rs. |
| 13. Primary Education .. | 31,80,443 | 31,54,141 | 31,65,469 | 33,46,190 | 34,52,216 |
| 14. Medical Relief and Education .. .. .. | 16,56,005 | 16,48,685 | 16,85,887 | 17,96,733 | 19,15,745 |
| 15. *Water Works.* Maintenance .. | 10,57,303 | 10,91,600 | 9,78,339 | 10,57,973 | 11,59,651 |
| Debt charges .. | 55,24,713 | 55,37,026 | 53,19,248 | 52,19,038 | 52,17,360 |
| 16. Other City services .. | 1,34,35,538 | 1,31,30,690 | 1,33,24,388 | 1,37,83,371 | 1,41,73,764 |
| 17. Debt charges—excluding water works .. .. | 76,97,597 | 70,56,917 | 68,24,208 | 67,26,184 | 68,29,448 |
| Total Expenditure .. Rs. | 3,25,51,599 | 3,16,19,059 | 3,12,97,539 | 3,19,29,489 | 3,27,48,184 |

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

# APPENDIX No. 2.

Revenue Account for the year ended 31st March 1938.

| Particulars. | Rs. | a. | p. | Total. Rs. | a. | p. | Particulars. | Rs. | a. | p. | Total. Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| To Revenue Expenditure as per Appendix No. 4 .. .. | | | | 3,27,48,184 | 3 | 1 | By Revenue Receipts as per Appendix No. 3 .. .. | | | | 3,30,16,418 | 5 | 2 |
| „ Balance being Surplus for the year .. .. .. | | | | 2,68,234 | 2 | 1 | | | | | | | |
| | | | | 3,30,16,418 | 5 | 2 | | | | | 3,30,16,418 | 5 | 2 |
| Contribution towards Improvement Schemes during 1938-39. | 22,86,302 | 8 | 10 | | | | Surplus Revenue Fund as at 1st April 1937 .. | | | | 49,37,596 | 2 | 6 |
| Revenue Expenditure to be incurred in 1938-39 and provided for as renewed grants. | 4,09,600 | 0 | 0 | | | | Surplus for the year .. .. .. | | | | 2,68,234 | 2 | 1 |
| | | | | 26,95,902 | 8 | 10 | Revenue of previous year renewed for payment of contribution towards Improvement Schemes during 1937-38. | 22,93,483 | 3 | 0 | | | |
| Balance being Surplus Revenue Fund as at 31st March 1938 as per Appendix No. 5. | | | | 52,39,210 | 14 | 9 | Revenue of previous years reserved for the year 1937-38. | 4,35,800 | 0 | 0 | 27,29,283 | 3 | 0 |
| | | | | 79,35,113 | 7 | 7 | | | | | 79,35,113 | 7 | 7 |

M. R. TAMBE,

Chief Accountant.

I. H. TAUNTON,

Municipal Commissioner.

I N

STATEMENT showing the Net Receipts during the Financial year 1937-38 from all sources as contrasted

| Actuals for 1936-37. | PARTICULARS. | Details of Actuals. | Actuals for 1937-38. | Budget Estimate for 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | **1.—General Tax, Indirect Taxation and Miscellaneous Revenue.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| At 11 per cent. | A—General Tax at 11 per cent.— | | | |
| 98,49,272 15 4 | (1) From the Public .. .. .. | 1,01,51,242 13 10 | | 99,00,000 0 0 |
| 5,25,342 8 11 | (2) ,, Government .. .. .. | 4,08,269 5 0 | | 1,52,400 0 0 |
| 10,56,292 14 0 | (3) ,, Port Trust .. .. .. | 8,88,822 0 0 | | 10,93,400 0 0 |
| 1,82,467 0 0 | (4) For Improvement Schemes Properties. | 2,02,794 15 0 | | 2,06,600 0 0 |
| 6,22,148 10 0 | (5) From Mills .. .. .. .. | 7,68,298 12 0 | | 6,78,200 0 0 |
| 1,50,851 4 0 | (6) ,, G. I. P. Railway .. .. | 1,50,678 6 0 | | 3,01,600 0 0 |
| 2,32,219 14 0 | (7) ,, B. B. & C. I. Railway .. .. | 3,824 6 0 | | 2,31,700 0 0 |
| 1,26,18,595 2 3 | | | 1,25,73,930 9 10 | 1,25,63,900 0 0 |
| | B—Town Duties— | | | |
| 9,53,699 5 2 | (1) Through Port Trust .. .. .. | 9,85,918 11 7 | | 12,00,000 0 0 |
| 12,25,249 14 2 | (2) ,, G. I. P. Railway .. .. | 11,66,735 2 4 | | 8,50,000 0 0 |
| 3,08,439 5 0 | (3) ,, B. B. & C. I. Railway .. | 2,52,813 15 9 | | 2,50,000 0 0 |
| 24,87,388 8 4 | | | (a)24,05,467 13 8 | 23,00,000 0 0 |
| 10,39,258 0 0 | *Deduct*—Refunds and Commission charges .. | | (b)10,96,466 8 0 | 10,00,000 0 0 |
| 14,48,130 8 4 | | | 13,09,001 5 8 | 13,00,000 0 0 |
| | C—Licenses— | | | |
| 5,104 14 0 | Land, Conveyance, Music Licenses (issued by the Commissioner of Police) .. .. | | 5,110 6 3 | 3,500 0 0 |
| 1,43,750 0 0 | D—Liquor Licenses—Commuted payment from Government (Act V of 1878) .. .. | | 1,43,750 0 0 | 1,43,750 0 0 |
| 3,93,000 0 0 | E—Tobacco Duty—¼th of Net receipts from Government (Act IV of 1857 as amended by Act I of 1932) .. .. .. .. | | 4,14,250 0 0 | 4,26,000 0 0 |
| 1,94,572 0 2 | F—Interest and Profit on Investments of Surplus Loan and other Balances .. | | 2,10,387 5 0 | 1,70,000 0 0 |
| 73,270 7 0 | G—Interest and Profit on Plant and Machinery Depreciation Fund .. .. .. | | 73,443 7 0 | 75,000 0 0 |
| | H—Miscellaneous— | | | |
| 4,670 11 0 | (1) Contribution from Municipal servants towards Pensions, etc., Fund .. | 4,832 12 0 | | 4,500 0 0 |
| 1,02,400 4 8 | (2) Fines for offences against the Law .. | 1,25,243 0 9 | | 95,000 0 0 |
| 3,991 0 8 | (3) Sale proceeds of unserviceable Tools and Plant .. .. .. .. | 16,445 1 9 | | 2,500 0 0 |
| 7,272 4 4 | (4) Miscellaneous receipts .. .. .. | 25,828 6 9 | | 3,000 0 0 |
| 19,568 8 1 | (5) Miscellaneous fees .. .. .. | 16,136 13 9 | | 15,000 0 0 |
| 1,21,017 5 3 | (6) Rent of buildings and lands .. .. | 99,371 0 5 | | 90,000 0 0 |
| 2,58,920 2 0 | Total, H—Miscellaneous .. | | 2,87,857 3 5 | 2,10,000 0 0 |
| 1,51,35,343 1 9 | Carried forward Rs. .. | | 1,50,17,730 5 2 | 1,48,92,150 0 0 |

(a) These are net receipts after deducting Commission charges amounting to Rs. 76,559-12-2
(b) This is exclusive of Commission charges amounting to Rs. 76,559-12-2.

C O M E.

with the Actuals for 1936-37, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1937-38. | Compared with the Actuals for 1936-37. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 99,61,800 0 0 | 3,01,969 14 6 | .... | 2,51,242 13 10 | .... | 1,89,442 13 10 | .... |
| 1,71,400 0 0 | .... | 1,17,073 3 11 | 2,55,869 5 0 | .... | 2,36,869 5 0 | .... |
| 8,85,000 0 0 | .... | 1,67,470 14 0 | .... | 2,04,578 0 0 | 3,822 0 0 | .... |
| 1,97,500 0 0 | 20,327 15 0 | .... | .... | 3,805 1 0 | 5,294 15 0 | .... |
| 7,65,700 0 0 | 1,46,150 2 0 | .... | 90,098 12 0 | .... | 2,598 12 0 | .... |
| 4,23,800 0 0 | .... | 172 14 0 | .... | 1,50,921 10 0 | .... | 2,73,121 10 0 |
| 1,36,500 0 0 | .... | 2,28,395 8 0 | .... | 2,27,875 10 0 | .... | 1,32,675 10 0 |
| 1,25,41,700 0 0 | 4,68,447 15 6 | 5,13,112 7 11 | 5,97,210 14 10 | 5,87,180 5 0 | 4,38,027 13 10 | 4,05,797 4 0 |
| 9,50,000 0 0 | 32,219 6 5 | .... | .... | 2,14,081 4 5 | 35,918 11 7 | .... |
| 12,00,000 0 0 | .... | 58,514 11 10 | 3,16,735 2 4 | .... | .... | 33,264 13 8 |
| 3,00,000 0 0 | .... | 55,625 5 3 | 2,813 15 9 | .... | .... | 47,186 0 3 |
| 24,50,000 0 0 | 32,219 6 5 | 1,14,140 1 1 | 3,19,549 2 1 | 2,14,081 4 5 | 35,918 11 7 | 80,450 13 11 |
| 11,00,000 0 0 | 57,208 8 0 | .... | 96,466 8 0 | .... | .... | 3,533 8 0 |
| 13,50,000 0 0 | *Dr.* 24,989 1 7 | 1,14,140 1 1 | 2,23,082 10 1 | 2,14,081 4 5 | 35,918 11 7 | 76,917 5 11 |
| 5,110 0 0 | 5 8 3 | .... | 1,610 6 3 | .... | 0 6 3 | .... |
| 1,43,750 0 0 | .... | .... | .... | .... | .... | .... |
| 4,14,000 0 0 | 21,250 0 0 | .... | .... | 11,750 0 0 | 250 0 0 | .... |
| 2,00,000 0 0 | 15,815 4 10 | .... | 40,387 5 0 | .... | 10,387 5 0 | .... |
| 75,000 0 0 | 173 0 0 | .... | .... | 1,556 9 0 | .... | 1,556 9 0 |
| 4,500 0 0 | 162 1 0 | .... | 332 12 0 | .... | 332 12 0 | .... |
| 1,00,000 0 0 | 22,842 12 1 | .... | 30,243 0 9 | .... | 25,243 0 9 | .... |
| 14,000 0 0 | 12,454 1 1 | .... | 13,945 1 9 | .... | 2,445 1 9 | .... |
| 3,000 0 0 | 18,556 2 5 | .... | 22,828 6 9 | .... | 22,828 6 9 | .... |
| 15,000 0 0 | .... | 3,431 10 4 | 1,136 13 9 | .... | 1,136 13 9 | .... |
| 85,000 0 0 | .... | 21,646 4 10 | 9,371 0 5 | .... | 14,371 0 5 | .... |
| 2,21,500 0 0 | 54,015 0 7 | 25,077 15 2 | 77,857 3 5 | .... | 66,357 3 5 | .... |
| 1,49,51,060 0 0 | 5,34,717 11 7 | 6,52,330 8 2 | 9,40,148 7 7 | 8,14,568 2 5 | 5,50,941 8 1 | 4,84,271 2 11 |

# Appendix

## I N

STATEMENT showing the Net Receipts during the Financial year 1937-38 from all sources as contrasted

| Actuals for 1936-37. | PARTICULARS. | Details of Actuals. | Actuals for 1937-38. | Budget Estimate for 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,51,35,343 1 9 | Brought over Rs. .. | | 1,50,17,730 5 2 | 1,48,92,150 0 0 |
| | **2.—Water Works.** | | | |
| | Water Tax and other Miscellaneous Water Works Revenue— | | | |
| 32,23,585 1 3 | (1) On Ratable Value .. .. .. | 33,63,882 15 4 | | 33,14,300 0 0 |
| 35,78,913 11 0 | (2) By Measurement per 1,000 gallons .. | 38,79,494 3 0 | | 36,58,029 0 0 |
| 64,601 11 0 | (3) Rent of Water Meters .. .. | 67,954 4 0 | | 65,000 0 0 |
| 1,48,533 4 0 | (4) Compounded Tax .. .. .. | 2,02,790 14 0 | | 1,24,000 0 0 |
| 6,279 9 0 | (5) Rent of Buildings and Lands .. | 6,894 8 0 | | 6,000 0 0 |
| 70,21,913 4 3 | | 75,21,016 12 4 | | 71,67,329 0 0 |
| | (6) Miscellaneous— | | | |
| 15,658 13 8 | Miscellaneous Receipts .. .. .. | 29,364 0 3 | | 14,000 0 0 |
| 70,37,572 1 11 | | | 75,50,380 12 7 | 71,81,329 0 0 |
| | **3.—Education, Primary.** | | | |
| 7,86,427 0 0 | A.—Contribution from Government .. .. | 8,06,570 0 0 | | 7,85,000 0 0 |
| | B.—Miscellaneous— | | | |
| .... | Miscellaneous Receipts .. .. .. | .... | | .... |
| 7,86,427 0 0 | | | 8,06,570 0 0 | 7,85,000 0 0 |
| | **4.—Education, Secondary.** | | | |
| | Miscellaneous— | | | |
| 49 5 0 | Miscellaneous Receipts.. .. .. | .... | 436 3 0 | 25 0 0 |
| | **5.—Public Health Department.** | | | |
| | Miscellaneous— | | | |
| 4,646 9 1 | (1) Miscellaneous Receipts .. .. | 8,597 15 3 | | 3,000 0 0 |
| 20,388 2 6 | (2) Miscellaneous fees .. .. .. | 20,884 10 1 | | 20,000 0 0 |
| 55,456 3 3 | (3) Rent of Buildings and Lands .. | 59,877 2 0 | | 54,000 0 0 |
| 1,329 5 0 | (4) Sale of rights .. .. .. .. | 1,087 9 0 | | 2,000 0 0 |
| 81,820 3 10 | | | 90,447 4 4 | 79,000 0 0 |
| | **6.—Medical Relief and Education.** | | | |
| | A.—Interest realised on donations from the | | | |
| 2,800 0 0 | Public .. .. .. .. .. | .... | 2,800 0 0 | 2,800 0 0 |
| | B.—Miscellaneous— | | | |
| 402 3 9 | (1) Miscellaneous Receipts .. .. | 756 5 3 | | 500 0 0 |
| 6,222 7 9 | (2) Miscellaneous fees .. .. .. | 3 14 9 | | 3,000 0 0 |
| 1,093 5 0 | (3) Rent of Buildings and Lands .. | 650 14 0 | | 1,000 0 0 |
| 7,718 0 6 | | | 1,411 2 0 | 4,500 0 0 |
| | C.—Receipts from Gordhandas Sunderdas | | | |
| 1,00,803 6 0 | Medical College .. .. .. .. | .... | 1,08,114 8 0 | 1,18,000 0 0 |
| | D.—Receipts from King Edward Memorial | | | |
| 2,318 7 0 | Hospital .. .. .. .. .. | .... | 4,661 10 0 | 2,000 0 0 |
| | E.—Interest realised on Hospital Fund (for Venereal Ward at King Edward Memorial | | | |
| 8,800 5 0 | Hospital) .. .. .. .. .. | | 9,525 1 0 | 9,000 0 0 |
| | F.—Interest on K. E. M. Hospital & G. S. | | | |
| 233 10 0 | Medical College Equipment Fund .. | .... | 585 5 0 | 300 0 0 |
| 1,22,673 12 6 | Total, 6.—Medical Relief, etc. .. .. .. | .... | 1,27,097 10 0 | 1,36,600 0 0 |
| 2,31,63,885 9 0 | Carried forward Rs. .. | .... | 2,35,92,662 3 1 | 2,30,74,104 0 0 |

**No. 3**—*continued.*

COME.

with the Actuals for 1936-37, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1937-38. | Compared with the Actuals for 1936-37. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,49,51,060 0 0 | 5,34,717 11 7 | 6,52,330 8 2 | 9,40,148 7 7 | 8,14,568 2 5 | 5,50,941 8 1 | 4,84,271 2 11 |
| 33,43,500 0 0 | 1,40,297 14 1 | .... | 49,582 15 4 | .... | 20,382 15 4 | .... |
| 37,21,000 0 0 | 3,00,580 8 0 | .... | 2,21,465 3 0 | .... | 1,58,494 3 0 | .... |
| 70,000 0 0 | 3,352 9 0 | .... | 2,954 4 0 | .... | .... | 2,045 12 0 |
| 2,04,000 0 0 | 54,257 10 0 | .... | 78,790 14 0 | .... | .... | 1,209 2 0 |
| 6,000 0 0 | 614 15 0 | .... | 894 8 0 | .... | 894 8 0 | .... |
| 73,44,500 0 0 | 4,99,103 8 1 | .... | 3,53,687 12 4 | .... | 1,79,771 10 4 | 3,254 14 0 |
| 22,000 0 0 | 13,705 2 7 | .... | 15,364 0 3 | .... | 7,364 0 3 | .... |
| 73,66,500 0 0 | 5,12,808 10 8 | .... | 3,69,051 12 7 | .... | 1,87,135 10 7 | 3,254 14 0 |
| 7,85,000 0 0 | 20,143 0 0 | .... | 21,570 0 0 | .... | 21,570 0 0 | .... |
| .... | .... | .... | .... | .... | .... | .... |
| 7,85,000 0 0 | 20,143 0 0 | .... | 21,570 0 0 | .... | 21,570 0 0 | .... |
| 100 0 0 | 386 14 0 | .... | 411 3 0 | .... | 336 3 0 | .... |
| 2,500 0 0 | 3,951 6 2 | .... | 5,597 15 3 | .... | 6,097 15 3 | .... |
| 18,500 0 0 | 496 7 7 | .... | 884 10 1 | .... | 2,384 10 1 | .... |
| 59,500 0 0 | 4,420 14 9 | .... | 5,877 2 0 | .... | 377 2 0 | .... |
| 2,000 0 0 | .... | 241 12 0 | .... | 912 7 0 | .... | 912 7 0 |
| 82,500 0 0 | 8,868 12 6 | 241 12 0 | 12,359 11 4 | 912 7 0 | 8,859 11 4 | 912 7 0 |
| 2,800 0 0 | .... | .... | .... | .... | .... | .... |
| 500 0 0 | 354 1 6 | .... | 256 5 3 | .... | 256 5 3 | .... |
| 3,000 0 0 | .... | 6,218 9 0 | .... | 2,996 1 3 | .... | 2,996 1 3 |
| 800 0 0 | .... | 442 7 0 | .... | 349 2 0 | .... | 149 2 0 |
| 4,300 0 0 | 354 1 6 | 6,661 0 0 | 256 5 3 | 3,345 3 3 | 256 5 3 | 3,145 3 3 |
| 1,09,000 0 0 | 7,311 2 0 | .... | .... | 9,385 8 0 | .... | 885 8 0 |
| 3,500 0 0 | 2,343 3 0 | .... | 2,661 10 0 | .... | 1,161 10 0 | .... |
| 9,000 0 0 | 724 12 0 | .... | 525 1 0 | .... | 525 1 0 | .... |
| 600 0 0 | 351 11 0 | .... | 285 5 0 | .... | .... | 14 11 0 |
| 1,29,200 0 0 | 11,084 13 6 | 6,661 0 0 | 3,728 5 3 | 13,230 11 3 | 1,943 0 3 | 4,045 6 3 |
| 2,33,14,360 0 0 | 10,88,009 14 3 | 6,59,233 4 2 | 13,47,269 7 9 | 8,28,711 4 8 | 7,70,786 1 3 | 4,92,483 14 2 |

# Appendix

## I N

STATEMENT showing the Net Receipts during the Financial year 1937-38 from all sources as contrasted

| Actuals for 1936-37. | PARTICULARS. | Details of Actuals. | Actuals for 1937-38. | Budget Estimate for 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,31,63,885 9 0 | Brought over Rs. .. | | 2,35,92,662 3 1 | 2,30,74,104 0 0 |
| | **7.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.** | | | |
| | A.—Halalkhore Tax— | | | |
| 30,69,194 4 9 | (1) On Ratable value .. .. .. | 32,04,314 8 4 | | 31,67,700 0 0 |
| 1,41,348 8 0 | (2) For special service .. .. .. | 1,34,790 5 0 | | 1,34,300 0 0 |
| 32,10,542 12 9 | | | 33,39,104 13 4 | 33,02,000 0 0 |
| | B.—Miscellaneous— | | | |
| 36,981 1 0 | (1) Sale of Rights .. .. .. .. | 44,044 13 0 | | 32,000 0 0 |
| 8,410 7 6 | (2) Miscellaneous Receipts .. .. | 4,308 10 7 | | 3,000 0 0 |
| 18,355 1 0 | (3) Miscellaneous Fees .. .. .. | 19,956 10 4 | | 15,000 0 0 |
| 68,874 3 0 | (4) Rent of Buildings and Lands .. | 66,101 7 0 | | 66,000 0 0 |
| 1,32,620 12 6 | | | 1,34,411 8 11 | 1,16,000 0 0 |
| 33,43,163 9 3 | | | 34,73,516 6 3 | 34,18,000 0 0 |
| | **8.—Roads, Drains and Sewers.** | | | |
| | A.—Wheel Tax and Government contribution in lieu of Tolls— | | | |
| 8,19,440 9 1 | (1) Private conveyances .. .. .. | 9,01,807 13 7 | | 7,77,500 0 0 |
| 2,29,597 2 0 | (2) Public conveyances .. .. .. | 5,02,272 0 0 | | 3,59,100 0 0 |
| 25,000 0 0 | (3) Contribution from Govt. in lieu of Tolls .. .. .. .. .. | 25,000 0 0 | | 25,000 0 0 |
| 10,74,037 11 1 | | | 14,29,079 13 7 | 11,61,600 0 0 |
| | B.—Ground Rent— | | | |
| 66,900 12 0 | (1) From Tramway Co. .. .. .. | 66,901 2 0 | | 67,000 0 0 |
| 67,000 0 0 | (2) ,, Telephone Co. .. .. .. | 1,00,512 0 0 | | 67,000 0 0 |
| 22,374 0 10 | (3) ,, Private Parties .. .. .. | 23,777 4 9 | | 27,000 0 0 |
| 1,56,274 12 10 | | | 1,91,190 6 9 | 1,61,000 0 0 |
| | C.—Miscellaneous— | | | |
| 91,238 14 10 | (1) Miscellaneous receipts .. .. .. | 1,01,404 13 7 | | 55,000 0 0 |
| 44,624 10 0 | (2) Miscellaneous fees .. .. .. | 77,862 15 0 | | 40,000 0 0 |
| 28,384 5 4 | (3) Rent of Buildings and Lands .. | 30,239 2 1 | | 24,000 0 0 |
| 1,64,247 14 2 | | | 2,09,506 14 8 | 1,19,000 0 0 |
| 1,792 3 0 | D.—Interest realised on donations .. .. | | 1,796 13 0 | 1,700 0 0 |
| 13,96,352 9 1 | Total, 8.—Roads, Drains and Sewers .. | | 18,31,574 0 0 | 14,43,300 0 0 |
| | **9.—Mechanical.** | | | |
| | Miscellaneous— | | | |
| 38,399 7 3 | Miscellaneous receipts .. .. .. | | 44,281 8 5 | 22,000 0 0 |
| 2,79,41,801 2 7 | Carried forward Rs. . | | 2,89,42,034 1 9 | 2,79,57,404 0 0 |

**No. 3**—*continued.*

COME.

with the Actuals for 1936-37, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1937-38. | Compared with the Actuals for 1936-37. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,33,14,360 0 0 | 10,88,009 14 3 | 6,59,233 4 2 | 13,47,269 7 9 | 8,28,711 4 8 | 7,70,786 1 3 | 4,92,483 14 2 |
| 32,56,000 0 0 | 1,35,120 3 7 | .... | 36,614 8 4 | .... | .... | 51,685 7 8 |
| 1,34,800 0 0 | .... | 6,558 3 0 | 490 5 0 | .... | .... | 9 11 0 |
| 33,90,800 0 0 | 1,35,120 3 7 | 6,558 3 0 | 37,104 13 4 | .... | .... | 51,695 2 8 |
| 44,000 0 0 | 7,063 12 0 | .... | 12,044 13 0 | .... | 44 13 0 | .... |
| 4,500 0 0 | .... | 4,101 12 11 | 1,308 10 7 | .... | .... | 191 5 5 |
| 20,500 0 0 | 1,601 9 4 | .... | 4,956 10 4 | .... | .... | 543 5 8 |
| 66,000 0 0 | .... | 2,772 12 0 | 101 7 0 | .... | 101 7 0 | .... |
| 1,35,000 0 0 | 8,665 5 4 | 6,874 8 11 | 18,411 8 11 | .... | 146 4 0 | 734 11 1 |
| 35,25,800 0 0 | 1,43,785 8 11 | 13,432 11 11 | 55,516 6 3 | .... | 146 4 0 | 52,429 13 9 |
| 8,60,000 0 0 | 82,367 4 6 | .... | 1,24,307 13 7 | .... | 41,807 13 7 | .... |
| 5,00,000 0 0 | 2,72,674 14 0 | .... | 1,43,172 0 0 | .... | 2,272 0 0 | .... |
| 25,000 0 0 | .... | .... | .... | .... | .... | .... |
| 13,85,000 0 0 | 3,55,042 2 6 | .... | 2,67,479 13 7 | .... | 44,079 13 7 | .... |
| 67,000 0 0 | 0 6 0 | .... | .... | 98 14 0 | .... | 98 14 0 |
| 67,000 0 0 | 33,512 0 0 | .... | 33,512 0 0 | .... | 33,512 0 0 | .... |
| 25,000 0 0 | 1,403 3 11 | .... | .... | 3,222 11 3 | .... | 1,222 11 3 |
| 1,59,000 0 0 | 34,915 9 11 | .... | 33,512 0 0 | 3,321 9 3 | 33,512 0 0 | 1,321 9 3 |
| 69,500 0 0 | 10,165 14 9 | .... | 46,404 13 7 | .... | 31,904 13 7 | .... |
| 55,000 0 0 | 33,238 5 0 | .... | 37,862 15 0 | .... | 22,862 15 0 | .... |
| 27,000 0 0 | 1,854 12 9 | .... | 6,239 2 1 | .... | 3,239 2 1 | .... |
| 1,51,500 0 0 | 45,259 0 6 | .... | 90,506 14 8 | .... | 58,006 14 8 | .... |
| 1,700 0 0 | 4 10 0 | .... | 96 13 0 | .... | 96 13 0 | .... |
| 16,97,200 0 0 | 4,35,221 6 11 | .... | 3,91,595 9 3 | 3,321 9 3 | 1,35,695 9 3 | 1,321 9 3 |
| 22,000 0 0 | 5,882 1 2 | .... | 22,281 8 5 | .... | 22,281 8 5 | .... |
| 2,85,59,360 0 0 | 16,72,898 15 3 | 6,72,666 0 1 | 18,16,662 15 8 | 8,32,032 13 11 | 9,28,909 6 11 | 5,46,235 5 2 |

**Appendix**
I N

STATEMENT showing the Net Receipts during the Financial year 1937-38 from all sources as contrasted

| Actuals for 1936-37. | PARTICULARS. | Details of Actuals. | Actuals for 1937-38. | Budget Estimate for 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,79,41,801 2 7 | Brought over Rs. .. | | 2,89,42,034 1 9 | 2,79,57,404 0 0 |
| | **10.—Buildings, Land Acquisition and Management.** | | | |
| 10,00,000 0 0 | A.—Sale-proceeds of Surplus Land .. .. | 10,00,000 0 0 | | 10,00,000 0 0 |
| 1,39,117 7 6 | B.—Rent of Buildings .. .. .. .. | 1,21,463 11 8 | | 1,20,000 0 0 |
| 1,29,932 14 2 | C.—Ground Rent .. .. .. .. .. | 1,84,074 2 11 | | 1,47,000 0 0 |
| | D.—Miscellaneous— | | | |
| 28,212 1 5 | (1) Sale of Rights and Miscellaneous Receipts .. .. .. .. | 25,471 9 1 | | 22,000 0 0 |
| 1,75,306 12 7 | (2) Miscellaneous fees .. .. .. | 2,24,173 8 10 | | 1,50,000 0 0 |
| 103 5 0 | (3) Rent of Buildings and Lands .. .. | *Dr.* 18 14 0 | | 200 0 0 |
| 14,72,672 8 8 | | | 15,55,164 2 6 | 14,39,200 0 0 |
| | **11.—Fire Brigade.** | | | |
| | A.—Fire Tax at ½ per cent. | | | |
| 4,46,151 12 0 | (1) From the Public .. .. .. | 4,63,738 1 0 | | 4,49,900 0 0 |
| 21,900 4 0 | (2) ,, Government .. .. .. | 18,524 11 0 | | 7,000 0 0 |
| 48,013 6 0 | (3) ,, Port Trust .. .. .. | 40,401 0 0 | | 49,700 0 0 |
| 8,374 8 0 | (4) For Improvement Schemes Properties | 8,451 1 0 | | 9,400 0 0 |
| 27,083 2 0 | (5) From Mills .. .. .. .. | 34,170 10 0 | | 30,800 0 0 |
| 6,856 14 0 | (6) ,, G. I. P. Rly. .. .. .. | 6,849 12 0 | | 13,700 0 0 |
| 10,553 8 0 | (7) ,, B. B. & C. I. Rly. .. .. | 173 14 0 | | 10,500 0 0 |
| 5,68,933 6 0 | | | 5,72,309 1 0 | 5,71,000 0 0 |
| | B.—Miscellaneous— | | | |
| 11,595 0 0 | Miscellaneous Receipts .. .. .. | .... | 12,272 2 3 | 10,000 0 0 |
| 5,80,528 6 0 | | | 5,84,581 3 3 | 5,81,000 0 0 |
| | **12.—Licensing and Removal of Encroachment on Public Street.** | | | |
| | A.—Licenses for Dangerous and Offensive | | | |
| 1,87,863 0 0 | Trades .. .. .. .. .. | .... | 1,88,454 4 0 | 1,86,000 0 0 |
| | B.—Removal of encroachment on Public Streets— | | | |
| | Licenses for Squatters and Hawkers and fees for Removal of Encroach- | | | |
| 1,29,646 9 0 | ment .. .. .. .. .. | .... | 1,42,406 13 0 | 1,24,000 0 0 |
| | C.—Miscellaneous— | | | |
| 205 4 0 | (1) Miscellaneous Receipts .. .. | 209 0 0 | | 150 0 0 |
| 71,826 11 3 | (2) Advertisements .. .. .. | 75,783 9 5 | | 60,000 0 0 |
| 72,031 15 3 | | | 75,992 9 5 | 60,150 0 0 |
| 3,89,541 8 3 | | .... | 4,06,853 10 5 | 3,70,150 0 0 |
| | **13.—Gardens and Open Spaces.** | | | |
| | Miscellaneous— | | | |
| 231 4 0 | (1) Miscellaneous Receipts .. .. | 309 1 11 | | 200 0 0 |
| 50,877 1 0 | (2) Rent of Buildings and Lands .. | 50,764 0 0 | | 50,600 0 0 |
| 51,108 5 0 | | | 51,073 1 11 | 50,800 0 0 |
| | **14.—Markets and Slaughter Houses.** | | | |
| | Miscellaneous— | | | |
| 3,02,673 3 0 | (1) Stall Rents .. .. .. .. | 3,08,734 9 9 | | 3,05,000 0 0 |
| 1,30,829 11 0 | (2) Squatters' fees .. .. .. .. | 1,44,452 0 0 | | 1,32,000 0 0 |
| 1,42,000 0 0 | (3) Fair ground and feeding fees.. .. | 1,40,000 0 0 | | 1,40,000 0 0 |
| 4,38,822 10 0 | (4) Slaughter fees .. .. .. .. | 4,55,344 15 0 | | 4,25,000 0 0 |
| 1,28,028 10 8 | (5) Miscellaneous Receipts .. .. | 1,30,016 13 0 | | 1,15,000 0 0 |
| 25,110 9 8 | (6) Rent of Buildings and Lands .. | 25,389 12 0 | | 20,000 0 0 |
| 23,522 4 3 | (7) Cold Storage rent .. .. .. | 21,752 15 3 | | 25,000 0 0 |
| 8,239 14 6 | (8) Receipts on account of the administration of the weights and measures act. | 20,543 5 0 | | 11,000 0 0 |
| 11,99,226 15 1 | | | 12,46,234 6 0 | 11,73,000 0 0 |
| | **15.—Contribution from Capital Funds to Revenue on account of Loan Works** | | | |
| 32,808 6 0 | **Staff** .. .. .. .. .. .. | .... | 82,189 13 0 | 1,94,600 0 0 |
| | **16.—Extraordinary Receipts.** | | | |
| 3,90,541 11 11 | Interest on Net Premia Fund and excess interest on Sinking Fund .. .. | .... | 1,48,287 14 4 | 3,30,000 0 0 |
| 3,20,58,228 15 6 | Total Income Rs. .. | .... | 3,30,16,418 5 2 | 3,20,96,154 0 0 |

M. R. TAMBE,
Chief Accountant.

**No. 3**—*concluded.*

COME.

with the Actuals for 1936-37, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1937-38. | Compared with the Actuals for 1936-37. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,85,59,360 0 0 | 16,72,898 15 3 | 6,72,666 0 1 | 18,16,662 15 8 | 8,32,032 13 11 | 9,28,909 6 11 | 5,46,235 5 2 |
| 10,00,000 0 0 | .... | .... | .... | .... | .... | .... |
| 1,15,000 0 0 | .... | 17,653 11 10 | 1,463 11 8 | .... | 6,463 11 8 | .... |
| 2,30,000 0 0 | 54,141 4 9 | .... | 37,074 2 11 | .... | .... | 45,925 13 1 |
| 22,000 0 0 | .... | 2,740 8 4 | 3,471 9 1 | .... | 3,471 9 1 | .... |
| 1,50,000 0 0 | 48,866 12 3 | .... | 74,173 8 10 | .... | 74,173 8 10 | .... |
| .... | .... | 122 3 0 | .... | 218 14 0 | .... | 18 14 0 |
| 15,17,000 0 0 | 1,03,008 1 0 | 20,516 7 2 | 1,16,183 0 6 | 218 14 0 | 84,108 13 7 | 45,944 11 1 |
| 4,52,800 0 0 | 17,586 5 0 | .... | 13,838 1 0 | .... | 10,938 1 0 | .... |
| 7,800 0 0 | .... | 3,375 9 0 | 11,524 11 0 | .... | 10,724 11 0 | .... |
| 44,000 0 0 | .... | 7,612 6 0 | .... | 9,299 0 0 | .... | 3,599 0 0 |
| 9,000 0 0 | 76 9 0 | .... | .... | 948 15 0 | .... | 548 15 0 |
| 34,800 0 0 | 7,087 8 0 | .... | 3,370 10 0 | .... | .... | 629 6 0 |
| 19,200 0 0 | .... | 7 2 0 | .... | 6,850 4 0 | .... | 12,350 4 0 |
| 6,200 0 0 | .... | 10,379 10 0 | .... | 10,326 2 0 | .... | 6,026 2 0 |
| 5,73,800 0 0 | 24,750 6 0 | 21,374 11 0 | 28,733 6 0 | 27,424 5 0 | 21,662 12 0 | 23,153 11 0 |
| 11,000 0 0 | 677 2 3 | .... | 2,272 2 3 | .... | 1,272 2 3 | .... |
| 5,84,800 0 0 | 25,427 8 3 | 21,374 11 0 | 31,005 8 3 | 27,424 5 0 | 22,934 14 3 | 23,153 11 0 |
| 1,90,000 0 0 | 591 4 0 | .... | 2,454 4 0 | .... | .... | 1,545 12 0 |
| 1,24,000 0 0 | 12,760 4 0 | .... | 18,406 13 0 | .... | 18,406 13 0 | .... |
| 250 0 0 | 3 12 0 | .... | 59 0 0 | .... | .... | 41 0 0 |
| 60,000 0 0 | 3,956 14 2 | .... | 15,783 9 5 | .... | 15,783 9 5 | .... |
| 60,250 0 0 | 3,960 10 2 | .... | 15,842 9 5 | .... | 15,783 9 5 | 41 0 0 |
| 3,74,250 0 0 | 17,312 2 2 | .... | 36,703 10 5 | .... | 34,190 6 5 | 1,586 12 0 |
| 200 0 0 | 77 13 11 | .... | 109 1 11 | .... | 109 1 11 | .... |
| 50,600 0 0 | .... | 113 1 0 | 164 0 0 | .... | 164 0 0 | .... |
| 50,800 0 0 | 77 13 11 | 113 1 0 | 273 1 11 | .... | 273 1 11 | .... |
| 3,05,000 0 0 | 6,061 6 9 | .... | 3,734 9 9 | .... | 3,734 9 9 | .... |
| 1,32,000 0 0 | 13,622 5 0 | .... | 12,452 0 0 | .... | 12,452 0 0 | .... |
| 1,40,000 0 0 | .... | 2,000 0 0 | .... | .... | .... | .... |
| 4,45,000 0 0 | 16,522 5 0 | .... | 30,344 15 0 | .... | 10,344 15 0 | .... |
| 1,25,000 0 0 | 1,988 2 4 | .... | 15,016 13 0 | .... | 5,016 13 0 | .... |
| 24,000 0 0 | 279 2 4 | .... | 5,389 12 0 | .... | 1,389 12 0 | .... |
| 20,000 0 0 | .... | 1,769 5 0 | .... | 3,247 0 9 | 1,752 15 3 | .... |
| 7,000 0 0 | 12,303 6 6 | .... | 9,543 5 0 | .... | 13,543 5 0 | .... |
| 11,98,000 0 0 | 50,776 11 11 | 3,769 5 0 | 76,481 6 9 | 3,247 0 9 | 48,234 6 0 | .... |
| 1,70,000 0 0 | 49,381 7 0 | .... | .... | 1,12,410 3 0 | .... | 87,810 3 0 |
| 3,30,000 0 0 | .... | 2,42,253 13 7 | .... | 1,81,712 1 8 | .... | 1,81,712 1 8 |
| 3,27,84,210 0 0 | 19,18,882 11 6 | 9,60,693 5 10 | 20,77,309 11 6 | 11,57,045 6 4 | 11,18,651 1 1 | 8,86,442 11 11 |

I. H. TAUNTON,
Municipal Commissioner.

**Appendix**

EXPEN

STATEMENT showing the Actuals as compared with the Final Sanctioned

| Actuals for 1936-37. | PARTICULARS. | Details of Actuals. | Actuals for 1937-38. | Final Grants sanctioned for Expenditure during 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | **I.—General Supervision, Collection of Revenue, etc.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | A.—General Superintendence— | | | |
| 1,18,985 12 9 | (*a*) Corporation and Standing Committee .. .. .. | 1,20,574 11 6 | | 1,28,639 0 0 |
| 1,17,169 10 1 | (*b*) Municipal Commissioner's Personal and General Office. | 1,20,037 2 4 | | 1,27,922 0 0 |
| 2,37,479 4 9 | (*c*) Audit and Accounts .. .. | 2,31,199 3 6 | | 2,36,967 0 0 |
| 4,73,634 11 7 | | | 4,71,811 1 4 | 4,93,528 0 0 |
| | B.—Collection of Revenue— | | | |
| 5,01,530 13 6 | (*a*) Property and Wheel Tax Establishment .. .. | 4,93,874 8 0 | | 5,04,561 0 0 |
| 8,666 14 0 | (*b*) Town Duty Collections .. | 7,977 0 0 | | 9,554 0 0 |
| 1,25,681 0 2 | (*c*) Town Duty Refund Branch .. | 1,26,740 9 4 | | 1,31,963 0 0 |
| 6,35,878 11 8 | | | 6,28,592 1 4 | 6,46,078 0 0 |
| 27,703 9 1 | C.—Upkeep of Municipal Head Office .. | | 27,481 7 2 | 29,440 0 0 |
| 76,752 1 3 | D.—General Stores .. .. .. | | 73,772 8 6 | 75,777 0 0 |
| 1,10,988 6 11 | E.—Miscellaneous Charges .. .. | | 1,21,074 7 10 | 1,51,055 0 0 |
| 6,476 7 6 | F.—Election Expenses .. .. .. | | 1,27,149 3 9 | 1,57,133 0 0 |
| 84 15 0 | New Works .. .. .. .. | | .... | 1,044 0 0 |
| 33,741 7 6 | Debt Charges .. .. .. .. | | 33,586 13 6 | 34,044 6 0 |
| 13,65,260 6 6 | | | 14,83,467 11 5 | 15,88,099 6 0 |
| 3,51,500 14 0 | *Deduct*—Proportionate share debitable to Water Works, Fire Brigade, Markets and Improvement Schemes Account .. | | 3,72,925 9 0 | 4,01,309 0 0 |
| 10,13,759 8 6 | | | 11,10,542 2 5 | 11,86,790 6 0 |
| | **II.—Water Works.** | | | |
| 4,79,278 14 11 | A.—Establishment and Labour .. .. | 4,80,710 1 9 | | 4,83,691 0 0 |
| 1,75,611 10 4 | B.—Repairs and Maintenance .. .. | 1,80,720 1 1 | | 1,85,616 0 0 |
| 30,563 12 2 | C.—Meters .. .. .. .. | 28,276 8 0 | | 29,500 0 0 |
| 1,17,827 1 10 | D.—Miscellaneous .. .. .. | 1,26,082 3 3 | | 1,29,823 0 0 |
| 913 0 0 | E.—Depreciation .. .. .. .. | 913 0 0 | | 913 0 0 |
| .... | Provident Fund & Pension, etc., charges. | 77,024 12 0 | | 77,964 0 0 |
| 2,37,403 10 0 | Proportion of General Supervision and Collection of Revenue .. .. .. | 2,50,823 7 0 | | 2,69,132 0 0 |
| 16,375 2 6 | New Works .. .. .. .. | 15,100 11 0 | | 28,932 0 0 |
| 52,19,037 13 11 | Debt Charges .. .. .. .. | 52,17,360 1 0 | | 52,78,632 0 0 |
| 62,77,011 1 8 | | | 63,77,010 13 1 | 64,84,203 0 0 |
| | **III.—Education, Primary.** | | | |
| 33,42,969 10 1 | A.—Municipal Institutions .. .. | 34,43,051 10 10 | | 34,95,806 4 0 |
| 3,220 0 0 | B.—Aided Institutions .. .. .. | 1,720 0 0 | | 3,520 0 0 |
| .... | New Works .. .. .. .. | 7,444 9 0 | | 13,900 0 0 |
| 1,39,638 7 0 | Debt Charges .. .. .. .. | 1,39,789 7 0 | | 1,39,965 0 0 |
| 34,85,828 1 1 | | | 35,92,005 10 10 | 36,53,191 4 0 |
| | **IV.—Education, Secondary.** | | | |
| 11,124 3 9 | A.—Municipal Institutions .. .. | 12,944 8 0 | | 14,369 0 0 |
| 28,950 0 0 | B.—Aided Institutions .. .. .. | 41,400 0 0 | | 49,750 0 0 |
| 40,074 3 9 | | | 54,344 8 0 | 64,119 0 0 |
| | **V.—Public Health Department.** | | | |
| 5,12,983 14 3 | A.—General Supervision .. .. .. | 5,29,625 1 1 | | 5,35,929 0 0 |
| 13,987 4 0 | B.—Epidemics .. .. .. .. | 19,343 13 6 | | 20,134 0 0 |
| 56,867 10 0 | C.—Vaccination .. .. .. .. | 75,281 0 6 | | 94,744 0 0 |
| 1,70,189 2 9 | D.—Malaria .. .. .. .. | 1,75,883 11 0 | | 1,78,191 0 0 |
| 7,54,027 15 0 | | 8,00,133 10 1 | | 8,28,998 0 0 |
| 1,08,16,672 15 0 | Carried over Rs. | | 1,11,33,903 2 4 | 1,13,88,303 10 0 |

## No. 4.

## DITURE.

Grants for 1937-38.

| Final Grants compared with the Actuals. | | |
|---|---|---|
| Balance Unexpended. | Amount required to be renewed in 1938-39. | Savings. |
| 6 | 7 | 8 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 8,064 4 6 | 4,910 0 0 | 3,154 4 6 |
| 7,884 13 8 | 3,470 0 0 | 4,414 13 8 |
| 5,767 12 6 | 380 0 0 | 5,387 12 6 |
| 21,716 14 8 | 8,760 0 0 | 12,956 14 8 |
| 10,686 8 0 | 2,600 0 0 | 8,086 8 0 |
| 1,577 0 0 | .... | 1,577 0 0 |
| 5,222 6 8 | 30 0 0 | 5,192 6 8 |
| 17,485 14 8 | 2,630 0 0 | 14,855 14 8 |
| 1,958 8 10 | 440 0 0 | 1,518 8 10 |
| 2,004 7 6 | 710 0 0 | 1,294 7 6 |
| 29,980 8 2 | 22,328 0 0 | 7,652 8 2 |
| 29,983 12 3 | 190 0 0 | 29,793 12 3 |
| 1,044 0 0 | 1,040 0 0 | 4 0 0 |
| 457 8 6 | 276 0 0 | 181 8 6 |
| 1,04,631 10 7 | 36,374 0 0 | 68,257 10 7 |
| 28,383 7 0 | 7,404 0 0 | 20,979 7 0 |
| 76,248 3 7 | 28,970 0 0 | 47,278 3 7 |
| 2,980 14 3 | 680 0 0 | 2,300 14 3 |
| 4,895 14 11 | 2,800 0 0 | 2,095 14 11 |
| 1,223 8 0 | .... | 1,223 8 0 |
| 3,740 12 9 | 520 0 0 | 3,220 12 9 |
| .... | .... | .... |
| 939 4 0 | 160 0 0 | 779 4 0 |
| 18,308 9 0 | 4,967 0 0 | 13,341 9 0 |
| 13,831 5 0 | 12,250 0 0 | 1,581 5 0 |
| 61,271 15 0 | 51,563 0 0 | 9,708 15 0 |
| 1,07,192 2 11 | 72,940 0 0 | 34,252 2 11 |
| 52,754 9 2 | 13,438 0 0 | 39,316 9 2 |
| 1,800 0 0 | 1,800 0 0 | .... |
| 6,455 7 0 | 2,200 0 0 | 4,255 7 0 |
| 175 9 0 | 162 0 0 | 13 9 0 |
| 61,185 9 2 | 17,600 0 0 | 43,585 9 2 |
| 1,424 8 0 | 650 0 0 | 774 8 0 |
| 8,350 0 0 | 8,350 0 0 | .... |
| 9,774 8 0 | 9,000 0 0 | 774 8 0 |
| 6,303 14 11 | 350 0 0 | 5,953 14 11 |
| 790 2 6 | .... | 790 2 6 |
| 19,462 15 6 | 90 0 0 | 19,372 15 6 |
| 2,307 5 0 | .... | 2,307 5 0 |
| 28,864 5 11 | 440 0 0 | 28,424 5 11 |
| 2,54,400 7 8 | 1,28,510 0 0 | 1,25,890 7 8 |

**Appendix**

EXPEN

| Actuals for 1936-37. | Particulars. | Details of Actuals. | Actuals for 1937-38. | Final Grants sanctioned for Expenditure during 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,08,16,672 15 0 | Brought forward Rs. .. | | 1,11,33,903 2 4 | 1,13,88,303 10 0 |
| 7,54,027 15 0 | **V.—Public Health Department.** brought forward .. | 8,00,133 10 1 | | 8,28,998 0 0 |
| | E.—Miscellaneous— | | | |
| 11,707 4 11 | (*a*) Cemeteries .. .. .. | 11,631 2 8 | | 12,551 0 0 |
| 25,424 8 9 | (*b*) Laboratory .. .. .. | 25,191 13 3 | | 25,446 0 0 |
| 48,485 12 4 | (*c*) Mahaluxmi Dhobiwada .. | 50,032 1 7 | | 51,332 0 0 |
| 421 10 0 | (*d*) Dharmashalas .. .. .. | 762 7 6 | | 861 0 0 |
| 5,206 11 0 | (*e*) Destruction of dogs .. .. | 5,508 14 9 | | 6,191 0 0 |
| 91,245 15 0 | | 93,126 7 9 | | 96,381 0 0 |
| 2,288 8 0 | New Works .. .. .. .. | 8,606 3 0 | | 20,436 0 0 |
| 73,380 11 5 | Debt charges .. .. .. .. | 67,616 6 0 | | 68,469 0 0 |
| 9,20,943 1 5 | | | 9,69,482 10 10 | 10,14,284 0 0 |
| | **VI.—Medical Relief and Education.** | | | |
| | A.—Hospitals and Dispensaries— | | | |
| | (*a*) Infectious Diseases Hospitals— | | | |
| 12,000 0 0 | I.—Establishment .. .. | 12,000 0 0 | | 12,000 0 0 |
| 1,16,271 9 3 | II.—Arthur Road Hospital for Infectious Diseases. | 1,60,922 5 3 | | 1,70,000 0 0 |
| 57,560 0 6 | III.—Maratha Hospital for Plague and other Diseases .. .. | 58,606 7 6 | | 62,538 0 0 |
| 1,85,831 9 9 | | 2,31 528 12 9 | | 2,44,538 0 0 |
| 85,333 7 10 | (*b*) Maternity Homes .. .. | 94,683 2 6 | | 97,625 0 0 |
| 65,633 3 1 | (*c*) Dispensaries for out-patients .. | 68,214 8 3 | | 69,808 0 0 |
| 3,36,798 4 8 | | 3,94,426 7 6 | | 4,11,971 0 0 |
| 13,895 13 10 | B.—Medical and Nursing Assistance to Poor People in their Houses .. | 13,663 0 9 | | 13,800 0 0 |
| 4,14,500 0 0 | C.—Statutory Contribution to Govt. Medical Institutions .. .. | 4,14,500 0 0 | | 4,14,500 0 0 |
| 1,67,079 10 1 | D.—Grants-in-Aid to Public Medical Institutions, Convalescent Homes, Isolation Asylums, Sanitary Societies, etc. .. .. .. | 1,71,245 3 7 | | 1,85,462 0 0 |
| 50,152 9 9 | E.—Anti-tuberculosis League Dispensary. | 79,921 14 9 | | 84,983 0 0 |
| 26,312 3 0 | F.—League for combating Venereal Diseases .. .. .. .. | 26,744 9 10 | | 26,946 0 0 |
| 2,268 10 0 | G.—Hospital for treatment of cases of Leprosy in Compound of A. L. Asylum .. .. .. .. | 1,486 8 0 | | 3,000 0 0 |
| 5,29,862 5 3 | H.—King Edward VII Memorial Hospital | 5,50,095 13 9 | | 5,71,311 0 0 |
| 2,49,150 3 5 | I.—Gordhandas Sunderdas Medical College .. .. .. .. | 2,56,383 2 1 | | 2,73,007 0 0 |
| 6,714 7 0 | New Works .. .. .. .. | 7,278 11 0 | | 8,193 0 0 |
| 3,75,756 10 0 | Debt charges .. .. .. .. | 3,78,069 0 0 | | 3,85,005 0 0 |
| 21,72,490 13 0 | | | 22,93,814 7 3 | 23,78,178 0 0 |
| 1,39,10,106 13 5 | Carried over Rs. .. | | 1,43,97,200 4 5 | 1,47,80,765 10 0 |

**No. 4**—*continued.*

DITURE.

| Final Grants compared with the Actuals. | | |
|---|---|---|
| Balance Unexpended. | Amount required to be renewed in 1938-39. | Savings. |
| 6 | 7 | 8 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,54,400 7 8 | 1,28,510 0 0 | 1,25,890 7 8 |
| 28,864 5 11 | 440 0 0 | 28,424 5 11 |
| 919 13 4 | 80 0 0 | 839 13 4 |
| 254 2 9 | .... | 254 2 9 |
| 1,299 14 5 | 265 0 0 | 1,034 14 5 |
| 98 8 6 | .... | 98 8 6 |
| 682 1 3 | 15 0 0 | 667 1 3 |
| 3,254 8 3 | 360 0 0 | 2,894 8 3 |
| 11,829 13 0 | 10,400 0 0 | 1,429 13 0 |
| 852 10 0 | 800 0 0 | 52 10 0 |
| 44,801 5 2 | 12,000 0 0 | 32,801 5 2 |
| .... | .... | .... |
| 9,077 10 9 | 2,560 0 0 | 6,517 10 9 |
| 3,931 8 6 | 580 0 0 | 3,351 8 6 |
| 13,009 3 3 | 3,140 0 0 | 9,869 3 3 |
| 2,941 13 6 | 1,000 0 0 | 1,941 13 6 |
| 1,593 7 9 | 530 0 0 | 1,063 7 9 |
| 17,544 8 6 | 4,670 0 0 | 12,874 8 6 |
| 136 15 3 | 10 0 0 | 126 15 3 |
| .... | .... | .... |
| 14,216 12 5 | 3,700 0 0 | 10,516 12 5 |
| 5,061 1 3 | 1,000 0 0 | 4,061 1 3 |
| 201 6 2 | .... | 201 6 2 |
| 1,513 8 0 | .... | 1,513 8 0 |
| 21,215 2 3 | 10,620 0 0 | 10,595 2 3 |
| 16,623 13 11 | 7,190 0 0 | 9,433 13 11 |
| 914 5 0 | 584 0 0 | 330 5 0 |
| 6,936 0 0 | 1,586 0 0 | 5,350 0 0 |
| 84,363 8 9 | 29,360 0 0 | 55,003 8 9 |
| 3,83,565 5 7 | 1,69,870 0 0 | 2,13,695 5 7 |

# Appendix

EXPEN

| Actuals for 1936-37. | Particulars. | Details of Actuals. | Actuals for 1937-38. | Final Grants sanctioned for Expenditure during 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,39,10,106 13 5 | Brought forward Rs. .. | | 1,43,97,200 4 5 | 1,47,80,765 10 0 |
| | **VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.** | | | |
| | A.—Street Cleansing and Conservancy— | | | |
| 1,89,005 0 6 | (*a*) Superintendence and Inspection .. .. .. | 1,97,520 10 0 | | 1,98,812 0 0 |
| 36,870 13 4 | (*b*) Veterinary .. .. .. | 36,992 11 1 | | 38,264 0 0 |
| | (*c*) Street Cleansing and Sanitation— | | | |
| 9,38,665 0 6 | (*a*) Scavengering .. .. | 9,26,981 14 10 | | 9,30,867 0 0 |
| 72,541 4 0 | (*b*) Road Scraping .. | 69,152 10 0 | | 70,028 0 0 |
| 80,590 14 1 | (*d*) Gully Flushing .. .. | 79,765 13 0 | | 81,229 0 0 |
| 13,17,673 0 5 | | 13,10,413 10 11 | | 13,19,200 0 0 |
| | (*e*) Removal of Town Refuse to Tardeo for transport to Deonar— | | | |
| 1,85,286 7 0 | 1. Bullock Traction .. | 1,92,666 2 10 | | 1,97,340 0 0 |
| 1,131 13 0 | 2. Incineration .. | 1,327 13 0 | | 1,614 0 0 |
| 92,554 9 9 | 3. Loading Siding .. | 1,12,409 6 9 | | 1,24,103 0 0 |
| 2,78,972 13 9 | | 3,06,403 6 7 | | 3,23,057 0 0 |
| 1,00,010 2 0 | (*f*) Miscellaneous .. .. | 1,14,102 2 11 | | 1,20,046 0 0 |
| 16,96,656 0 2 | | 17,30,919 4 5 | | 17,62,303 0 0 |
| 2,04,438 0 3 | B.—Transport of refuse, etc., to Deonar .. .. .. .. | 2,07,392 3 6 | | 2,09,927 0 0 |
| 18,646 0 3 | C.—Road Watering .. .. .. | 19,441 9 6 | | 19,924 0 0 |
| | D.—Halalkhore Service— | | | |
| 2,43,670 1 11 | (*a*) Cleansing and Sanitation .. | 2,39,678 13 4 | | 2,42,434 0 0 |
| 47,109 10 1 | (*b*) Bullock Traction .. .. | 44,197 9 2 | | 47,427 0 0 |
| 72,930 0 2 | (*c*) Miscellaneous .. .. | 68,649 11 3 | | 80,066 0 0 |
| 3,63,709 12 2 | | 3,52,526 1 9 | | 3,69,927 0 0 |
| 23,431 10 9 | New Works .. .. .. .. | 54,425 8 0 | | 89,698 0 0 |
| 4,76,501 7 0 | Debt Charges .. .. .. .. | 4,77,533 3 0 | | 5,02,670 0 0 |
| 27,83,382 14 7 | | | 28,42,237 14 2 | 29,54,449 0 0 |
| | **VIII.—Roads, Drains and Sewers.** | | | |
| 1,39,969 13 4 | A.—General .. .. .. .. | 1,43,821 3 3 | | 1,56,831 0 0 |
| 10,65,517 9 6 | B.—Maintenance of Roads .. .. | 11,70,746 5 3 | | 12,22,682 0 0 |
| 10,20,736 7 2 | C.—Public Lighting .. .. .. | 10,78,760 12 6 | | 10,95,287 0 0 |
| 2,65,377 0 5 | D.—Cleansing of Drains and Sewers and Street connections .. .. | 2,86,361 7 6 | | 3,04,178 0 0 |
| .... | E.—Rebate on account of the compounded Wheel Tax .. .. .. .. | 1,06,500 0 0 | | 1,06,500 0 0 |
| 24,91,600 14 5 | | 27,86,189 12 6 | | 28,85,478 0 0 |
| 72,338 12 6 | New Works .. .. .. .. | 21,418 11 0 | | 34,532 0 0 |
| 33,02,835 15 2 | Debt Charges .. .. .. .. | 33,81,721 0 0 | | 34,59,443 0 0 |
| 58,66,775 10 1 | | | 61,89,329 7 6 | 63,79,453 0 0 |
| 2,25,60,265 6 1 | Carried over Rs. .. .. | | 2,34,28,767 10 1 | 2,41,14,667 10 0 |

**No. 4**—*continued.*

DITURE.

| Final Grants compared with the Actuals. | | |
|---|---|---|
| Balance unexpended. | Amount required to be renewed in 1938-39. | Savings. |
| 6 | 7 | 8 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 3,83,565 5 7 | 1,69,870 0 0 | 2,13,695 5 7 |
| | | |
| 1,291 6 0 | 1,080 0 0 | 211 6 0 |
| 1,271 4 11 | 50 0 0 | 1,221 4 11 |
| 3,885 1 2 | 600 0 0 | 3,285 1 2 |
| 875 6 0 | 100 0 0 | 775 6 0 |
| 1,463 3 0 | 30 0 0 | 1,433 3 0 |
| 8,786 5 1 | 1,860 0 0 | 6,926 5 1 |
| | | |
| 4,673 13 2 | 300 0 0 | 4,373 13 2 |
| 286 3 0 | .... | 286 3 0 |
| 11,693 9 3 | 11,390 0 0 | 303 9 3 |
| 16,653 9 5 | 11,690 0 0 | 4,963 9 5 |
| 5,943 13 1 | 40 0 0 | 5,903 13 1 |
| 31,383 11 7 | 13,590 0 0 | 17,793 11 7 |
| 2,534 12 6 | 120 0 0 | 2,414 12 6 |
| 482 6 6 | 100 0 0 | 382 6 6 |
| | | |
| 2,755 2 8 | 200 0 0 | 2,555 2 8 |
| 3,229 6 10 | 25 0 0 | 3,204 6 10 |
| 11,416 4 9 | 6,715 0 0 | 4,701 4 9 |
| 17,400 14 3 | 6,940 0 0 | 10,460 14 3 |
| 35,272 8 0 | 25,306 0 0 | 9,966 8 0 |
| 25,136 13 0 | 21,964 0 0 | 3,172 13 0 |
| 1,12,211 1 10 | 68,020 0 0 | 44,191 1 10 |
| | | |
| 13,009 12 9 | 60 0 0 | 12,949 12 9 |
| 51,935 10 9 | 20,580 0 0 | 31,355 10 9 |
| 16,526 3 6 | 400 0 0 | 16,125 3 6 |
| 17,816 8 6 | 6,660 0 0 | 11,156 8 6 |
| .... | .... | ... |
| 99,288 3 6 | 27,700 0 0 | 71,588 3 6 |
| 13,113 5 0 | 9,321 0 0 | 3,792 5 0 |
| 77,722 0 0 | 58,939 0 0 | 18,783 0 0 |
| 1,90,123 8 6 | 95,960 0 0 | 94,163 8 6 |
| 6,85,899 15 11 | 3,33,850 0 0 | 3,52,049 15 11 |

**Appendix**

EXPEN

| Actuals for 1936-37. | Particulars. | Details of Actuals. | Actuals for 1937-38. | Final Grants sanctioned for Expenditure during 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. 2,25,60,265 6 1 | Brought forward Rs. .. .. | Rs. a. p. | Rs. a. p. 2,34,28,767 10 1 | Rs. a. p. 2,41,14,667 10 0 |
| | **IX.—Mechanical.** | | | |
| 72,854 5 10 | A.—Mechanical Engineer's Office Establishment .. .. .. | 68,541 4 0 | | 73,216 0 0 |
| | B.—Pumping and Compressor Stations— | | | |
| 11,370 3 4 | (*a*) Inspection and Supervision .. .. .. .. | 10,361 5 0 | | 11,042 0 0 |
| | (*b*) Pumping Stations in the City— | | | |
| 1,27,320 3 11 | (*i*) Pumping Station, Love Grove .. .. | 1,25,336 15 4 | | 1,36,242 0 0 |
| 3,224 0 0 | (*ii*) Pumping Station, Parel Poibavdi .. .. | 6,061 0 6 | | 7,226 0 0 |
| 1,154 8 0 | (*iii*) Pumping Station, Parbhadevi .. .. | 1,134 0 6 | | 1,574 0 0 |
| 1,545 11 0 | (*iv*) Pumping Station, Arthur Road .. | 6,322 6 0 | | 7,320 0 0 |
| 31 2 0 | (*v*) Pumping Station, Sewri | 2,804 0 4 | | 4,776 0 0 |
| .... | *(*vi*) Pumping Station at Dadar Purification Works .. .. | 10 4 6 | | 4,616 0 0 |
| .... | (*vii*) Pumping Station, at Tank Bunder .. | 962 7 6 | | 4,220 0 0 |
| .... | (*viii*) Pumping Station at Matunga .. .. | 25,272 6 0 | | 31,404 0 0 |
| .... | (*ix*) Pumping Station at Mahim .. .. | 14 0 0 | | 2,328 0 0 |
| 33,207 5 0 | (*c*) Purification Works .. .. | 48,545 5 0 | | 59,010 0 0 |
| | (*d*) Compressor Stations in the City— | | | |
| 41,490 0 9 | (*i*) Compressor Station, Colaba .. .. | 40,086 12 0 | | 45,263 0 0 |
| 1,47,741 15 9 | (*ii*) Compressor Station, Victoria Gardens, Fergusson Road and Warden Road .. | 1,44,945 0 1 | | 1,52,890 0 0 |
| 3,585 8 0 | (*e*) Flood Gates .. .. .. | 3,233 10 0 | | 4,003 0 0 |
| 3,70,670 9 9 | | 4,15,089 8 9 | | 4,71,914 0 0 |
| .... | Deduct anticipated Savings. .. | .... | | 14,000 0 0 |
| 3,70,670 9 9 | | 4,15,089 8 9 | | 4,57,914 0 0 |
| 11,736 8 6 | C.—Supervision of Factories, Workshops and Workplaces .. | 12,776 8 0 | | 13,060 0 0 |
| | D.—Transport— | | | |
| 19,079 10 1 | 1. Inspection and Supervision .. | 18,698 10 6 | | 18,801 0 0 |
| 3,982 2 0 | 2. Upkeep of M.C.'s motor .. | 5,513 9 0 | | 5,803 0 0 |
| 553 8 0 | 3. ,, of S.S.'s motor .. | 474 0 0 | | 824 0 0 |
| 3,568 12 0 | 4. ,, of H.O.'s motor .. | 3,847 10 6 | | 3,854 0 0 |
| 5,642 15 6 | 5. ,, of Motor Hearses .. | 4,437 9 0 | | 4,583 0 0 |
| 7,198 5 0 | 6. ,, of Motor Ambulances.. | 7,783 7 0 | | 7,887 0 0 |
| 3,00,046 13 6 | 7. Removal of Town Refuse to Tardeo for Transport to Deonar .. .. .. | 3,76,535 2 6 | | 3,79,778 0 0 |
| 15,470 2 0 | 8. Upkeep of motor silt wagons .. | 15,690 12 0 | | 16,657 0 0 |
| 25,558 15 0 | 9. Halalkhore service .. .. | 27,604 4 0 | | 30,004 0 0 |
| | 10. Markets and Slaughter Houses—Disposal of— | | | |
| 5,564 3 0 | (*a*) Offal .. .. .. | 6,687 9 0 | | 6,923 0 0 |
| 54,199 7 0 | (*b*) Meat carriage .. .. | 52,583 15 6 | | 53,498 0 0 |
| 59,763 10 0 | | 59,271 8 6 | | 60,421 0 0 |
| 4,40,864 13 1 | | 5,19,856 9 0 | | 5,28,612 0 0 |
| 19,543 2 9 | E.—Refrigerator .. .. .. .. | 16,548 8 5 | | 18,293 0 0 |
| .... | F.—Oiling and greasing Surplus Machinery. | .... | | 10 0 0 |
| 25,319 2 0 | New Works .. .. .. .. | 2,970 1 0 | | 4,184 0 0 |
| 1,50,222 5 6 | Debt Charges .. .. .. .. | 1,58,547 6 0 | | 1,60,848 0 0 |
| 10,91,210 15 5 | | .... | 11,94,329 13 2 | 12,56,137 0 0 |
| 2 36,51,476 5 6 | Carried over Rs. .. .. | .... | 2,46,23,097 7 3 | 2,53.70,804 10 0 |

**No. 4**—*continued.*

DITURE.

| Final Grants compared with the Actuals. | | |
|---|---|---|
| Balance unexpended. | Amount required to be renewed in 1938-39. | Savings. |
| 6 | 7 | 8 |
| Rs. a. p.<br>6,85,899 15 11 | Rs. a. p.<br>3,33,850 0 0 | Rs. a. p.<br>3,52,049 15 11 |
| 4,674 12 0 | 145 0 0 | 4,529 12 0 |
| 680 11 0 | .... | 680 11 0 |
| 10,905 0 8 | 4,110 0 0 | 6,795 0 8 |
| 1,164 15 6 | .... | 1,164 15 6 |
| 439 15 6 | .... | 439 15 6 |
| 997 10 0 | .... | 997 10 0 |
| 1,971 15 8 | .... | 1,971 15 8 |
| 4,605 11 6 | .... | 4,605 11 6 |
| 3,257 8 6 | 490 0 0 | 2,767 8 6 |
| 6,131 10 0 | .... | 6,131 10 0 |
| 2,314 0 0 | .... | 2,314 0 0 |
| 10,464 11 0 | 1,120 0 0 | 9,344 11 0 |
| 5,176 4 0 | 60 0 0 | 5,116 4 0 |
| 7,944 15 11 | 20 0 0 | 7,924 15 11 |
| 769 6 0 | .... | 769 6 0 |
| 56,824 7 3 | .... | 51,024 7 3 |
| 14,000 0 0 | .... | 14,000 0 0 |
| 42,824 7 3 | 5,800 0 0 | 37,024 7 3 |
| 283 8 0 | .... | 283 8 0 |
| 102 5 6 | .... | 102 5 6 |
| 289 7 0 | 15 0 0 | 274 7 0 |
| 350 0 0 | 80 0 0 | 270 0 0 |
| 6 5 6 | .... | 6 5 6 |
| 145 7 0 | .... | 145 7 0 |
| 103 9 0 | 10 0 0 | 93 9 0 |
| 3,242 13 6 | 425 0 0 | 2,817 13 6 |
| 966 4 0 | 45 0 0 | 921 4 0 |
| 2,399 12 0 | .... | 2,399 12 0 |
| .... | .... | .... |
| 235 7 0 | .... | 235 7 0 |
| 914 0 6 | 5 0 0 | 909 0 6 |
| 1,149 7 6 | 5 0 0 | 1,144 7 6 |
| 8,755 7 0 | 580 0 0 | 8,175 7 0 |
| 1,744 7 7 | .... | 1,744 7 7 |
| 10 0 0 | .... | 10 0 0 |
| 1,213 15 0 | .... | 1,213 15 0 |
| 2,300 10 0 | 815 0 0 | 1,485 10 0 |
| 61,807 2 10 | 7,340 0 0 | 54,467 2 10 |
| 7,47,707 2 9 | 3,41,190 0 0 | 4,06,517 2 9 |

## Appendix
## EXPEN

| Actuals for 1936-37. | Particulars. | Details of Actuals. | Actuals for 1937-38. | Final Grants sanctioned for Expenditure during 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,36,51,476 5 6 | Brought forward Rs. .. | | 2,46,23,097 7 3 | 2,53,70,804 10 0 |
| | **X.—Buildings, Land Acquisition and Management—** | | | |
| 1,10,059 12 9 | A.—City Engineer's Central Office Establishment .. .. .. | 1,14,323 6 3 | | 1,14,630 0 0 |
| 2,16,915 12 0 | B.—Inspection and Supervision of Private Buildings .. .. .. | 2,34,859 6 9 | | 2,40,914 0 0 |
| 68,365 6 0 | C.—Architectural .. .. .. .. | 78,907 0 0 | | 85,911 0 0 |
| 1,07,746 9 8 | D.—Land Acquisition and Management .. .. .. .. | 1,28,346 11 9 | | 1,63,343 0 0 |
| 5,03,087 8 5 | | 5,56,436 8 9 | | 6,04,798 0 0 |
| | Proportionate share of cost of Establishment, and Supervision chargeable to Improvement | | | |
| *Cr.* 13,414 0 0 | Schemes .. .. .. .. .. | *Cr.* 15,403 0 0 | | *Cr.* 31,152 0 0 |
| 4,89,673 8 5 | | 5,41,033 8 9 | | 5,73,646 0 0 |
| 85 4 0 | New Works .. .. .. .. | 3,432 3 0 | | 9,585 0 0 |
| 17,56,123 5 0 | Debt Charges .. .. .. .. | 17,69,770 13 0 | | 17,86,435 0 0 |
| 22,45,882 1 5 | | | 23,14,236 8 9 | 23,69,666 0 0 |
| 3,33,578 5 5 | **XI.—Fire Brigade** .. .. .. | 3,26,655 1 5 | | 3,32,538 0 0 |
| .... | Provident Fund & Pension etc., charges. | 68,159 4 0 | | 72,232 0 0 |
| 19,493 13 0 | Proportion of General Supervision & Collection of Revenue .. .. .. | 20,559 12 0 | | 22,035 0 0 |
| 3,341 0 0 | New Works .. .. .. .. | 914 11 0 | | 1,047 0 0 |
| 40,133 12 0 | Debt Charges .. .. .. .. | 44,864 14 0 | | 48,015 0 0 |
| 3,96,546 14 5 | | | 4,61,153 10 5 | 4,75,867 0 0 |
| | **XII.—Licensing and Removal of Encroachments on Public Streets.** | | | |
| 77,918 15 1 | A.—Licensing Establishment .. .. | 82,064 0 11 | | 82,631 0 0 |
| 42,485 15 3 | B.—Removal of Encroachment on Public Streets .. .. .. | 43,395 6 2 | | 43,914 0 0 |
| 1,567 15 0 | New Works .. .. .. .. | 192 11 0 | | 286 0 0 |
| 1,21,972 13 4 | | | 1,25,652 2 1 | 1,26,831 0 0 |
| | **XIII.—Gardens and Open Spaces.** | | | |
| | A.— Gardens | | | |
| 1,01,820 0 5 | (*a*) Victoria Gardens .. .. | 96,385 7 2 | | 1,06,095 0 0 |
| 25,723 9 4 | (*b*) Miscellaneous Gardens, Open Spaces, Band Stands, etc. .. .. | 27,732 1 7 | | 34,455 0 0 |
| 1,27,543 9 9 | | 1,24,117 8 9 | | 1,40,550 0 0 |
| 7,462 6 9 | B.—New Gardens, Recreation Grounds, etc. .. .. .. | 6,385 1 6 | | 6,984 0 0 |
| 577 12 0 | New Works .. .. .. .. | 5,304 6 0 | | 7,265 0 0 |
| 2,17,346 6 0 | Debt Charges .. .. .. .. | 2,17,322 0 0 | | 2,17,479 0 0 |
| 3,52,930 2 6 | | | 3,53,129 0 3 | 3,72,278 0 0 |
| | **XIV.—Markets and Slaughter Houses.** | | | |
| | A.—Markets and Slaughter Houses— | | | |
| 42,139 1 0 | (*a*) Central Office .. .. | 37,821 9 0 | | 38,251 0 0 |
| 1,38,784 2 10 | (*b*) Municipal Markets .. .. | 1,44,449 2 10 | | 1,63,102 0 0 |
| 84,076 9 1 | (*c*) Slaughter Houses .. .. | 88,205 3 6 | | 92,502 0 0 |
| 16,369 11 0 | (*d*) Administering Weights and Measures Act .. .. | 17,355 1 0 | | 18,942 0 0 |
| 2,81,369 7 11 | | 2,87,831 0 4 | | 3,12,797 0 0 |
| .... | Provident Fund & Pension etc., charges. | 24,245 7 0 | | 26,897 0 0 |
| 17,388 13 0 | Proportion of General Supervision .. | 20,532 3 0 | | 23,605 0 0 |
| 6,057 4 0 | New Works .. .. .. .. | 2,922 15 0 | | 16,724 0 0 |
| 1,60,503 15 0 | Debt Charges .. .. .. .. | 1,60,626 15 0 | | 1,60,782 0 0 |
| 4,65,319 7 11 | | | 4,96,158 8 4 | 5,40,805 0 0 |
| 32,22,391 4 0 | **XV.—Contribution towards Improvement schemes.** | | 34,40,224 13 0 | 34,40,225 0 0 |
| | **XVI.—Provident Fund, Pensions, Gratuities, and Compassionate Allowances.** | | | |
| 3,56,340 6 0 | A.—Provident Fund .. .. .. | 3,38,425 3 0 | | 3,42,500 0 0 |
| 7,02,129 3 0 | B.—Pensions, Gratuities, etc. .. .. | 5,96,106 14 0 | | 6,04,007 0 0 |
| 10,58,469 9 0 | | | 9,34,532 1 0 | 9,46,507 0 0 |
| 4,14,500 0 0 | **XVII.—Slum Service** .. .. .. | | .... | .... |
| 3,19,29,488 10 1 | Total Rs. .. | | 3,27,48,184 3 1 | 3,36,42,983 10 0 |

M. R. TAMBE,
*Chief Accountant.*

**No. 4**—*concludcd..*
DITURE.

| Final Grants compared with the Actuals. | | |
|---|---|---|
| Balance Unexpended. | Amount required to be renewed in 1938-39. | Savings. |
| 6 | 7 | 8 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 7,47,707 2 9 | 3,41,190 0 0 | 4,06,517 2 9 |
| 306 9 9 | 70 0 0 | 236 9 9 |
| 6,054 9 3 | 530 0 0 | 5,524 9 3 |
| 7,004 0 0 | 110 0 0 | 6,894 0 0 |
| 34,996 4 3 | 25,339 0 0 | 9,657 4 3 |
| 48,361 7 3 | 26,049 0 0 | 22,312 7 3 |
| *Cr.* 15,749 0 0 | 15,749 0 0 | .... |
| 32,612 7 3 | 10,300 0 0 | 22,312 7 3 |
| 6,152 13 0 | 6,073 0 0 | 79 13 0 |
| 16,664 3 0 | 8,487 0 0 | 8,177 3 0 |
| 55,429 7 3 | 24,860 0 0 | 30,569 7 3 |
| 5,882 14 7 | 2,100 0 0 | 3,782 14 7 |
| 4,072 12 0 | 2,170 0 0 | 1,902 12 0 |
| 1,475 4 0 | 398 0 0 | 1,077 4 0 |
| 132 5 0 | .... | 132 5 0 |
| 3,150 2 0 | 2 0 0 | 3,148 2 0 |
| 14,713 5 7 | 4,670 0 0 | 10,043 5 7 |
| 566 15 1 | 80 0 0 | 486 15 1 |
| 518 9 10 | 290 0 0 | 228 9 10 |
| 93 5 0 | .... | 93 5 0 |
| 1,178 13 11 | 370 0 0 | 808 13 11 |
| 9,709 8 10 | 3,850 0 0 | 5,859 8 10 |
| 6,722 14 5 | 4,480 0 0 | 2,242 14 5 |
| 16,432 7 3 | 8,330 0 0 | 8,102 7 3 |
| 598 14 6 | .... | 598 14 6 |
| 1,960 10 0 | 1,263 0 0 | 697 10 0 |
| 157 0 0 | 137 0 0 | 20 0 0 |
| 19,148 15 9 | 9,730 0 0 | 9,418 15 9 |
| 429 7 0 | .... | 429 7 0 |
| 18,652 13 2 | 8,950 0 0 | 9,702 13 2 |
| 4,296 12 6 | 490 0 0 | 3,806 12 6 |
| 1,586 15 0 | .... | 1,586 15 0 |
| 24,965 15 8 | 9,440 0 0 | 15,525 15 8 |
| 2,651 9 0 | 200 0 0 | 2,451 9 0 |
| 3,072 13 0 | 833 0 0 | 2,239 13 0 |
| 13,801 1 0 | 13,800 0 0 | 1 1 0 |
| 155 1 0 | 147 0 0 | 8 1 0 |
| 44,646 7 8 | 24,420 0 0 | 20,226 7 8 |
| 0 3 0 | .... | 0 3 0 |
| 4,074 13 0 | .... | 4,074 13 0 |
| 7,900 2 0 | 4,360 0 0 | 3,540 2 0 |
| 11,974 15 0 | 4,360 0 0 | 7,614 15 0 |
| .... | .... | .... |
| 8,94,799 6 11 | 4,09,600 0 0 | 4,85,199 6 11 |

I. H. TAUNTON,,
*Municipal Commissioner.*

# Appendix

## REVENUE ACCOUNT BALANCE

| Liabilities. | Rs. a. p. | Rs. a. p. |
|---|---|---|
| **Debts—** | | |
| Due on Cash Bills Outstanding Account ... ... ... ... | 22,124 2 8 | |
| „ Cheques payable ... ... ... ... ... | 2,87,726 7 9 | |
| „ Stores purchased, Outstanding Accounts ... ... ... | 93,047 8 6 | |
| „ Outstanding Charges for 1937-38 and previous years ... ... | 4,09,600 0 0 | |
| „ „ „ on account of Interest accrued but not paid ... (*Vide* details shown in Appendix No. 14E.) | 12,54,201 8 0 | |
| Improvement Schemes— | | |
| Contribution falling due in 1938-39 ... ... ... ... | 22,86,302 8 10 | |
| Deposits in Cash and Public Securities from Contractors and private parties. (*Vide* details shown in Appendix No. 14 C.) | 91,10,639 9 10 | 1,34,63,641 13 7 |
| Public Monuments Maintenance Fund (*vide* details shown in Appendix No. 16B.) | | 1,10,683 15 0 |
| Endowments Fund (*vide* details shown in Appendix No. 16 C.) ... ... | | 1,19,550 2 0 |
| **Stock Account—** | | |
| Capital Purchases Account, &c. ... ... ... ... ... | 65,556 9 0 | |
| Stock Adjustment Account ... ... ... ... ... | 2,137 8 11 | 67,694 1 11 |
| **Special Funds as at 31st March 1938.—** | | |
| Fire and Accident Insurance Fund ... ... ... ... | 9,11,776 14 8 | |
| Net Premia Fund ... ... ... ... ... ... | 50,91,616 7 11 | |
| Provident Fund ... ... ... ... ... ... | 1,35,61,985 5 2 | |
| Fines Fund ... ... ... ... ... ... | 4,71,760 15 8 | |
| Plant and Machinery Depreciation Fund ... ... ... ... | 18,66,823 6 9 | |
| Renewal of Road Surfaces Fund ... ... ... ... | 21,87,258 5 2 | |
| Garden Fund ... ... ... ... ... ... | 54,516 10 0 | |
| Hospital Fund ... ... ... ... ... ... | 2,83,232 6 5 | |
| Land Sales Reserve Fund ... ... ... ... ... | 22,40,996 15 0 | |
| Slum Service Fund .. .. .. ... .. .. | 2,89,284 4 4 | |
| K. E. M. Hospital & G. S. M. College Equipment Fund .. .. | 19,132 0 0 | |
| G. S. M. College & K. E. M. Hospital Research Fund .. .. .. | 7,184 2 4 | 2,69,85,567 13 5 |
| Carried forward Rs. ... | | 4,07,47,137 13 11 |

# No. 5.

## SHEET AS AT 31ST MARCH 1938.

| Assets. | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Cash at Bank ... ... ... ... ... | 4,42,510 7 0 | |
| Cash in Office ... ... ... ... ... ... | 233 0 10 | |
| | | 4,42,743 7 10 |
| Municipal Loans—Interest warrants Payable Account ... ... ... | | 34,708 3 7 |
| B. I. Trust Loans Interest warrants Payable Account ... ... ... | | 4,901 15 0 |
| Interest on B. I. Trust Loans Payable Account ... ... ... | | 2,028 15 4 |
| **Debts—** | | |
| Due for Stores sold ... ... ... ... ... | | 36,171 5 0 |
| **Stock**—(*Vide* Appendix No. 14-D.) | | |
| Stock (Reserve Stores) ... ... ... ... ... | 2,21,677 15 3 | |
| Surplus and Obsolete Stores (General) ... ... ... ... | 40,349 5 5 | |
| Line Suspense Account ... ... ... ... ... | 85,643 0 5 | |
| Line Suspense Account—Surplus and Obsolete Stores ... ... | 27,923 14 4 | |
| Water Works Imprest ... ... ... ... ... | 3,608 5 2 | |
| City Engineer's Department (Works Engineer) ... ... ... | 20,496 7 0 | |
| | 3,99,698 15 7 | |
| Capital Stores— | | |
| Stock ... ... ... ... ... ... ... | 1,90,295 8 3 | |
| | | 5,89,994 7 10 |
| Plant and Machinery ... ... ... ... ... | | 22,21,906 13 5 |
| **Advances Recoverable**—(*Vide* Appendix No. 14-A.) | | |
| Departmental Works ... ... ... ... ... | 85,928 9 4 | |
| Private Works ... ... ... ... ... ... | 55,617 9 7 | |
| Asphalt Plant, Crushers, &c. ... ... ... ... ... | 82,522 6 6 | |
| Municipal Officers ... ... ... ... ... ... | 30,398 5 6 | |
| Sundries—Mis.—Advances ... ... ... ... ... | 1,29,064 9 5 | |
| Municipal Tenderers, Contractors, &c. ... ... ... ... | 239 3 9 | |
| Purchase of Coal ... ... ... ... ... ... | 4,464 6 0 | |
| Purchase of Petrol ... ... ... ... ... ... | 10,403 0 0 | |
| | | 3,98,638 2 1 |
| **Advances out of Special Funds**—(*Vide* Appendix No. 14-B.) | | |
| Advances from Plant and Machinery Depreciation Fund for :— | | |
| Purchase of Plant and Machinery ... ... ... ... | 1,40,066 12 0 | |
| Levelling, metalling, etc., private streets ... ... ... | 47,575 11 7 | |
| Amount advanced from Fines Fund to the Bombay Municipal Mechanical Employees' Co-operative Credit Society .. .. .. .. | 5,000 0 0 | |
| Amount advanced from Net Premia Fund to meet B. P. Trusts' claim for refund of excess amount of General Tax .. .. .. .. | 5,35,000 0 0 | |
| Advance for meeting Capital Expenditure from :— Rs. a. p. | | |
| Municipal Fire and Accident Insurance Fund ... 4,62,142 11 0 | | |
| Fines Fund ... ... ... ... 2,77,285 11 0 | | |
| Plant and Machinery Depreciation Fund ... 11,98,315 1 0 | | |
| Renewal of Road Surfaces Fund ... ... 10,00,099 3 0 | | |
| Net Premia Fund .. ... ... ... 10,98,131 11 0 | | |
| Land Sales Reserve Fund .. .. .. 18,75,000 0 0 | | |
| | 59,10,974 5 0 | |
| | | 66,38,616 12 7 |
| **Deposits in Public Securities—** | | |
| With the Imperial Bank of India ... ... ... ... | 9,26,500 0 0 | |
| In Office ... ... ... ... ... ... ... | 43,66,700 0 0 | |
| | | 52,93,200 0 0 |
| Carried forward Rs. ... | | 1,56,62,910 2 8 |

**Appendix**

REVENUE ACCOUNT BALANCE

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Brought over Rs. .. | | 4,07,47,137 13 11 |
| **Surplus Revenue Fund as per Appendix No. 2 ...** | | 52,39,210 14 9 |
| **Total Rs.** | | 4,59,86,348 12 8 |

M. R. TAMBE,
*Chief Accountant.*

**No. 5**—*concluded.*

SHEET AS AT 31st MARCH 1938.

| | Brought over ... | | | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|---|
| | In Securities. | | Deposits in Cash, Fixed and current a/c. | | 1,56,62,910 2 8 |
| | Face Value. | Actual cost. | | | |
| | As per Appendix No. 16. | | | | |
| **Investments—** | | | | | |
| **Special Funds.** | Rs. | Rs. a. p. | Rs. a. p. | | |
| **Municipal Fire and Accident Insurance Fund** ... ... ... | 4,85,500 | 4,49,521 7 0 | 112 13 8 | 4,49,634 3 8 | |
| **Net Premia, &c., on different Municipal Loans** ... ... | 2,96,300 | 2,61,963 14 6 | 31,96,520 14 5 | 34,58,484 12 11 | |
| **Provident Fund** ... | 1,51,51,900 | 1,35,61,623 8 9 | 361 12 5 | 1,35,61,985 5 2 | |
| **Fines Fund** ... | 2,02,600 | 1,89,462 0 0 | 13 4 8 | 1,89,475 4 8 | |
| **Plant and Machinery Depreciation Fund**... | 3,47,700 | 3,36,629 3 0 | 1,44,236 11 2 | 4,80,865 14 2 | |
| **Renewal of Road Surfaces Fund** ... ... | 8,01,200 | 7,34,718 0 0 | 4,52,441 2 2 | 11,87,159 2 2 | |
| **Garden Fund** ... ... | 59,000 | 54,491 0 0 | 25 10 0 | 54,516 10 0 | |
| **Hospital Fund** ... | 2,86,700 | 2,83,073 3 0 | 159 3 5 | 2,83,232 6 5 | |
| **Land Sales Reserve Fund** ... ... | ..... | ..... | 3,65,996 15 0 | 3,65,996 15 0 | |
| **Slum Service Fund** .. | ..... | ..... | 2,89,284 4 4 | 2,89,284 4 4 | |
| **K. E. M. Hospital and G. S. M. College Equipment Fund** .. | 19,700 | 19,028 6 0 | 103 10 0 | 19,132 0 0 | |
| **G. S. M. College and K. E. M. Hospital Research Fund** .. | ..... | ..... | 7,184 2 4 | 7,184 2 4 | (a) 2,03,46,951 0 10 |
| **Surplus Fund.** | | | | | |
| 3½ % G. P. Notes .. .. | 100 | 60 0 0 | | | |
| 4 % Munl. Deb. .. ... | 900 | 900 0 0 | | | |
| 4 % B. I. Trust Deb. .. | 5,05,000 | 4,70,127 8 0 | | | |
| 4 % Loan 1960-70 .. .. | 63,800 | 59,015 0 0 | | | |
| 3½ % ,, 1947-50 .. .. | 87,300 | 83,371 12 0 | | | |
| | 6,57,100 | 6,13,474 4 0 | (b)91,32,779 4 2 | | 97,46,253 8 2 |
| **Public Monuments Maintenance Fund.** | | | | | |
| (*Vide* Appendix No. 16 B.).. | 1,16,000 | 1,10,683 15 0 | | 1,10,683 15 0 | |
| **Endowments Fund.** | | | | | |
| (*Vide* Appendix No. 16 C.) ... | 1,29,300 | 1,19,550 2 0 | | 1,19,550 2 0 | 2,30,234 1 0 |
| Total Rs. ... | | | | | 4,59,86,348 12 8 |

(*a*) For Face, Purchase and Market values of each kind of securities held in the Special Funds, please see Appendix No. 16 attached.

(*b*) This includes Rs. 1,017-1-4 including interest of Rs. 17-1-4 invested in Post Office Savings Bank for value of lost Municipal Debenture (claimant Mrs. Agnes M. D'Almeida).

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 6.

## Statement of Special Funds for 1937-38.

### Municipal Fire and Accident Insurance Fund.

(Corporation Resolution No. 4572 of 4th October 1888, Corporation Resolution No. 4479 of 5th October 1914, Corporation Resolution No. 5408 of 21st September 1922, Standing Committee Resolution No. 3451 of 2nd July 1924, and Corporation Resolution No. 13888 of 18th February 1926.)

| | | *Dr.* | *Cr.* |
|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. |
| Balance on 1st April 1937 ... ... ... ... | | | 8,74,291 1 8 |
| Contributions for the year .. ... ... ... | | | 5,722 0 0 |
| Interest realized ... ... ... ... | | | 35,439 0 0 |
| Expenditure incurred during the year ... ... .. | | 3,675 3 0 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 :— | | | |
| Amount advanced for financing Capital Expenditure ... ... ... | Rs. a. p. 4,62,142 11 0 | | |
| Amount held in Securities and cash ... | 4,49,634 3 8 | | |
| | | 9,11,776 14 8 | |
| Total Rs. ... | | 9,15,452 1 8 | 9,15,452 1 8 |

### Worn-out Water Mains Renewal Fund.

(Standing Committee Resolution No. 12512 of 22nd February 1893 and Corporation Resolution No. 13406 of 9th March 1893.)

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Balance on 1st April 1937 ... ... ... ... | | 1,37,081 13 8 |
| Interest realized ... ... ... ... | | 6,297 10 0 |
| Expenditure incurred during the year ... ... ... | 58,101 10 0 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 7.. | 85,277 13 8 | |
| Total Rs. .. | 1,43,379 7 8 | 1,43,379 7 8 |

### Net Premia Fund.

(Corporation Resolution Nos. 5294 of 19th November 1888, 9222 of 11th December 1893 and 5179 of 15th November 1906 and Standing Committee Resolution No. 3343 of 28th August 1907.)

| | | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| Balance on 1st April 1937 ... ... ... .. | | | 50,92,382 6 3 |
| Sale of water-marked paper ... ... ... .. | | | 145 14 8 |
| Amount transferred to meet repayment of Loans ... ... | | 911 13 0 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5— | | | |
| Amount advanced for financing Capital Expenditure .. .. .. | Rs. a. p. 10,98,131 11 0 | | |
| Amount advanced to meet Bombay Port Trust's claim for refund of excess amount of General Tax .. .. .. .. | 5,35,000 0 0 | | |
| Amount held in Securities and Cash .. | 34,58,484 12 11 | | |
| | | *50,91,616 7 11 | |
| Total Rs. ... | | 50,92,528 4 11 | 50,92,528 4 11 |

* Out of this, Rs. 22,26,320 belong to Water Works Account.

# Appendix No. 6—*continued.*

## Statement of Special Funds for 1937-38.

### Provident Fund.

(Corporation Resolution No. 5598 of 7th September 1920.)

| | | | *Dr.* | | *Cr.* | |
|---|---|---|---|---|---|---|
| Balance on 1st April 1937— | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Amount of subscribers' accounts— | | | | | | |
| Other than Trust and Schools Committee Employees .. .. | | 75,66,187 4 0 | | | | |
| Trust Employees .. .. | | 10,01,620 13 2 | | | | |
| Schools Committee's Employees .. | | 31,56,281 10 0 | | | | |
| Excess Interest, Profit on sale of Securities, &c. .. .. | | 4,32,734 1 6 | | | | 1,21,56,823 12 8 |
| Receipts on account of subscriptions and Contribution during 1937-38 in respect of Employees other than Trust, and Schools Committee's Employees .. | 13,10,569 12 6 | | | | | |
| *Less.*—Payments during the year .. | 7,74,460 10 0 | | | | | |
| Interest allowed on Provident Fund Accounts of employees other than Trust and Schools Committee's Employees.. | 3,81,479 15 6 | 5,36,109 2 6 | | | | |
| *Less.*—Payments during the year .. | 7,656 8 0 | | | | | |
| Receipts on account of Subscriptions and Contribution during 1937-38 in respect of Provident Fund Accounts of Trust Employees .. .. | 1,50,139 2 0 | 3,73,823 7 6 | | | | 9,09,932 10 0 |
| *Less.*—Payments during the year .. | 60,011 12 0 | | | | | |
| Interest allowed on Provident Fund Accounts of Trust Employees .. | 51,365 14 0 | 90,127 6 0 | | | | |
| *Less.*—Payments during the year .. | 119 2 0 | | | | | |
| Receipts on account of subscriptions and contribution during 1937-38 in respect of Provident Fund Accounts of Schools Committee's Employees .. | 3,29,117 10 0 | 51,246 12 0 | | | | 1,41,374 2 0 |
| *Add.*—Receipts pertaining to the year 1936-37 paid by S. S. during 1937-38 | 4,761 0 0 | | | | | |
| | 3,33,878 10 0 | | | | | |
| *Deduct.*—Receipts pertaining to the year 1937-38 to be received from S. S. during 1938-39 .. .. | 16,620 5 0 | | | | | |
| | 3,17,258 5 0 | | | | | |
| *Less.*—Payments during the year .. | 69,090 6 0 | | | | | |
| Interest allowed on Provident Fund Accounts of Schools Committee's employees .. .. | 1,60,402 6 0 | 2,48,167 15 0 | | | | |
| *Less.*—Payments during the year .. | 17,823 3 0 | | | | | |
| | | 1,42,579 3 0 | | | | 3,90,747 2 0 |
| Amount of excess interest allowed on Provident Fund Accounts during 1937-38 to be met out of accumulated amount of excess interest .. | .... | | | 36,892 5 6 | | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 .. | .... | | | 1,35,61,985 5 2 | | |
| Total Rs. | | | | 1,35,98,877 10 8 | | 1,35,98,877 10 8 |

### Fines Fund.

(Corporation Resolution No. 1217 of 12th May 1919.)

| | | | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| Balance on 1st April 1937 ... ... ... ... | | | | 4,68,196 9 7 |
| Interest realized during the year ... ... ... | | | | 19,024 14 0 |
| Net Recoveries of fines during the year ... ... ... | | | | 22,740 7 0 |
| Expenditure during the year ... ... ... | | | 38,200 14 11 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5— | | | | |
| Amount advanced for financing capital expenditure ... .. ... | Rs a. p. 2,77,285 11 0 | | | |
| Amount advanced to the Bombay Municipal Mechanical Employees' Co-operative Credit Society.. | 5,000 0 0 | | | |
| Amount held in Securities and Cash ... ... | 1,89,475 4 8 | | 4,71,760 15 8 | |
| Total Rs.... | | | 5,09,961 14 7 | 5,09,961 14 7 |

# Appendix No. 6—*continued.*

## Statement of Special Funds for 1937-38.

### Plant and Machinery Depreciation Fund.

(Corporation Resolution No. 5533 of 1st September 1924.)

| | | | | | *Dr.* | | | *Cr.* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Rs. | a. | p. | Rs. | a. | p. |
| Balance on 1st April 1937 ... ... ... ... | | | | | | | | 17,62,581 | 2 | 9 |
| Amount of depreciation on plant and machinery credited to Fund account during the year ... ... ... ... | | | | | | | | 1,12,014 | 0 | 0 |
| Expenditure on purchase of Plant and Machinery for replacement ... | | | | | 7,771 | 12 | 0 | | | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 :— | | | | | | | | | | |
| Amount advanced for financing capital expenditure ... ... ... ... | | | | Rs. a. p. 11,98,315 1 0 | | | | | | |
| Amount advanced for purchase of Plant and Machinery pending adjustment against provisions for depreciation in subsequent years— | | | | | | | | | | |
| Balance on 1st April 1937 ... | | | Rs. a. p. 1,61,745 14 0 | | | | | | | |
| *Less*—Depreciation adjusted during the year ... | 12,889 0 0 | | | | | | | | | |
| Amounts refunded by B.B. & C.I. Rly. Co. out of sums deposited for conversion as well as construction of kutchra wagons.. | 8,790 2 0 | | | | | | | | | |
| | | | 21,679 2 0 | | | | | | | |
| | | | | 1,40,066 12 0 | | | | | | |
| Amount advanced for meeting expenditure on levelling, metalling, etc., Private Streets ... | | | | 47,575 11 7 | | | | | | |
| Amount held in Securities and Cash ... | | | | 4,80,865 14 2 | 18,66,823 | 6 | 9 | | | |
| | | | | Total Rs. ... | 18,74,595 | 2 | 9 | 18,74,595 | 2 | 9 |

### Renewal of Road Surfaces Fund.

(Corporation Resolution No. 774 of 27th April 1925.)

| | | | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Balance on 1st April 1937 ... ... ... ... | | | | | | | 19,07,492 | 7 | 2 |
| Interest realized during the year ... ... ... | | | | | | | 92,105 | 14 | 0 |
| Contribution from Revenue during the year ... ... | | | | | | | 1,87,660 | 0 | 0 |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5— | | | | | | | | | |
| | | Rs. | a. p. | | | | | | |
| Advance for financing Capital Expenditure ... | | 10,00,099 | 3 0 | | | | | | |
| Amount held in Securities and Cash ... | | 11,87,159 | 2 2 | 21,87,258 | 5 | 2 | | | |
| | Total Rs. ... | | | 21,87,258 | 5 | 2 | 21,87,258 | 5 | 2 |

### Garden Fund.

(Corporation Resolution No. 912 of 1st May 1930.)

| | | | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Balance on 1st April 1937 ... ... ... | | | | | | | 45,824 | 14 | 3 |
| Recoveries during the year ... ... ... | | | | | | | 7,960 | 9 | 0 |
| Interest realized during the year ... ... ... | | | | | | | 1,971 | 5 | 0 |
| Expenditure during the year ... ... ... | | | | 1,240 | 2 | 3 | | | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5... | | | | 54,516 | 10 | 0 | | | |
| | Total Rs. ... | | | 55,756 | 12 | 3 | 55,756 | 12 | 3 |

### Levelling, Metalling, &c., Private Streets Fund.

(Corporation Resolution No. 9427 of 23rd January 1922 and Corporation Resolution No. 11147 of 7th January 1926.)

| | | | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Expenditure incurred out of the amount advanced from Plant and Machinery Depreciation Fund as on 1st April 1937 ... | | | | 38,389 | 15 | 3 | | | |
| Expenditure during the year ... ... ... | | | | 23,339 | 2 | 3 | | | |
| Recoveries on account of expenditure during the year ... | | | | | | | 12,120 | 11 | 11 |
| Interest charges during the year ... ... ... | | | | 2,228 | 0 | 1 | 4,260 | 10 | 1 |
| Advance from Plant and Machinery Depreciation Fund as at 31st March 1938 ... ... ... ... .. | | | | | | | 47,575 | 11 | 7 |
| | Total Rs. ... | | | 63,957 | 1 | 7 | 63,957 | 1 | 7 |

### Public Monuments Maintenance Fund.

| | | | | Rs. | a. | p. | Rs. | a. | p |
|---|---|---|---|---|---|---|---|---|---|
| Balance on 1st April 1937 ... ... ... ... | | | | | | | 1,10,683 | 15 | 0 |
| Donation received during the year .. .. .. | | | | | | | .... | | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 ... | | | | 1,10,683 | 15 | 0 | | | |
| | Total Rs. ... | | | 1,10,683 | 15 | 0 | 1,10,683 | 15 | 0 |

### Endowments Fund.

| | | | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Balance on 1st April 1937 ... ... ... ... | | | | | | | 1,19,550 | 2 | 0 |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 .. | | | | 1,19,550 | 2 | 0 | | | |
| | Total Rs. .. | | | 1,19,550 | 2 | 0 | 1,19,550 | 2 | 0 |

## Appendix No. 6—*concluded.*

Statement of Special Funds for 1937-38.

### Hospital Fund.

(Corporation Resolution No. 497 of 15th November 1934.)

| | *Dr.* Rs. a. p. | *Cr.* Rs. a. p. |
|---|---|---|
| Balance on 1st April 1937 .. .. .. | | 2,54,356 12 5 |
| Donations received during the year .. .. .. | | 29,304 15 9 |
| Expenditure incurred during the year .. .. .. | 429 5 9 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 .. | 2,83,232 6 5 | |
| Total Rs. .. | 2,83,661 12 2 | 2,83,661 12 2 |

### Land Sales Reserve Fund.

(Corporation Resolution No. 705 of 19th December 1935).

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Balance on 1st April 1937.. .. .. .. | | 18,75,624 9 1 |
| Amount of sale proceeds of surplus land in excess of Rs. 10 lakhs transferred to the fund during 1937-38 .. .. | | 3,34,004 12 5 |
| Interest realized during the year .. .. .. | | 31,367 9 6 |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5— | | |
| Rs. a. p. | | |
| Advance for financing Capital Expenditure .. 18,75,000 0 0 | | |
| Amount held in Fixed Deposit & Cash .. .. 3,65,996 15 0 | | |
| | 22,40,996 15 0 | |
| Total Rs. .. | 22,40,996 15 0 | 22,40,996 15 0 |

### Slum Service Fund.

(Corporation Resolution No. 930 of 27th February 1936.)

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Balance on 1st April 1937 .. .. .. .. .. .. | | 3,70,434 4 8 |
| Interest realised during the year .. .. .. .. .. .. | | 4,316 7 5 |
| Expenditure during the year .. .. .. .. .. .. | 85,466 7 9 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5.. | 2,89,284 4 4 | |
| Total .. | 3,74,750 12 1 | 3,74,750 12 1 |

### K. E. M. Hospital and G. S. M. College Equipment Fund.

(Corporation Resolution No. 650 of 3rd December 1935.)

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Balance on 1st April 1937 .. .. .. .. .. .. .. | | 9,733 0 0 |
| Contribution from Revenue for the year 1937-38 .. .. .. | | 10,000 0 0 |
| Expenditure during the year .. .. .. .. .. .. | 601 0 0 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 .. | 19,132 0 0 | |
| Total .. | 19,733 0 0 | 19,733 0 0 |

### G. S. M. College and K. E. M. Hospital Research Fund.

(Corporation Resolution No. 176 of 21st June 1937.)

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Subsidy received from the C. P. Government .. .. .. .. | | 7,500 0 0 |
| Interest realised during the year .. .. .. .. .. .. | | 73 0 4 |
| Expenditure during the year .. .. .. .. .. .. | 388 14 0 | |
| Balance on 31st March 1938 as per Balance Sheet, Appendix No. 5 .. | 7,184 2 4 | |
| Total .. | 7,573 0 4 | 7,573 0 4 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

## CAPITAL FUND BALANCE

| Liabilities. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| **Loans Outstanding:—** | | | |
| **Due to Government—** | | | |
| (*Vide* details as shown in Appendix No. 11) ... ... | | 7,11,28,527 0 9 | |
| **Due to Public—** | | | |
| (*Vide* details as shown in Appendix No. 11) ... ... | | 7,91,85,000 0 0 | |
| **Advances from Special Funds—** | | | |
| (*Vide* details as shown in Appendix No. 11) .. .. | | 59,10,974 5 0 | 15,62,24,501 5 9 |
| **Trust Fund Account:—** | | | |
| Balance out of donation received for Maternity Home at Chhas Moholla ... ... | | 52,614 15 5 | |
| Donation from Sir Currimbhoy Ebrahim for the construction of a Primary School building:— | | | |
| Balance on 1st April 1937 ... ... ... | 53,248 15 4 | | |
| Interest ... ... ... ... | 799 4 0 | 54,048 3 4 | |
| Donation from Mr. Maneklal Premchand for Tuberculosis Hospital at Sewree .. .. .. | | 1,50,000 0 0 | |
| Balance of donation from the N. M. Wadia Charities for Deep X-Ray Therapy Apparatus at King Edward Memorial Hospital ... ... ... | | 1,568 3 6 | 2,58,231 6 3 |
| **Worn-out Water Mains Renewal Fund Account** | | | 85,277 13 8 |
| **Surplus—** | | | |
| CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES:— | | | |
| Sinking Fund on Loans .. ... ... | 3,01,53,328 4 4 | | |
| Loans Redemption Fund ... ... ... | 6,89,24,597 12 6 | | |
| Unbooked Property ... ... ... | 45,37,835 11 11 | | |
| Premia on Loans .. ... ... ... | 3,20,848 11 11 | | |
| Contributions from Special Funds ... ... | 8,03,171 0 3 | | |
| ,, ,, Revenue for Loan Works Establishment. | 17,869 15 8 | | |
| ,, ,, G. I. P. Ry. ... ... | 3,74,000 0 0 | | |
| ,, ,, Port Trust ... ... | 1,56,500 0 0 | | |
| ,, ,, Government for Schools .. .. | 5,00,000 0 0 | | |
| ,, ,, Worn-out Water Mains Renewal Fund .. | 8,69,802 11 0 | | |
| ,, ,, Land and Buildings Fund .. .. | 74,80,433 12 8 | | |
| ,, ,, Development Fund.. .. .. | 1,34,32,075 7 8 | | |
| ,, ,, Revenue towards Bai Jerbai Wadia Hospital for Children .. .. | 7,00,000 0 0 | | |
| ,, ,, Trust Fund ... ... ... | 35,42,135 9 8 | | |
| | | 13,18,12.599 1 7 | |
| *Deduct—* | | | |
| *Assets written off* .. .. .. | | 4,19,277 9 9 | |
| | | | 13,13,93,321 7 10 |
| Total Rs. ... | | | 28,79,61,332 1 6 |

M. R. TAMBE,
*Chief Accountant.*

# No. 7.

## SHEET AS AT 31ST MARCH 1938.

**Assets:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Block Account :—** | | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. |
| **Loan Funds—** | | | | | | | |
| Property and Assets at original cost as per Appendix No. 8 .. | | | 24,10,02,836 3 6 | | | | |
| *Deduct*—Subventions granted for the conversion of privies into water-closets, shown below ... ... | | | 20,99,775 0 0 | | 23,89,03,061 3 6 | | |
| *Add*— | | | | | | | |
| Subventions granted for the conversion of privies into water-closets | | | | ... | 20,99,775 0 0 | | 24,10,02,836 3 6 |
| **Trust Fund—** | | | | | | | |
| Expenditure as per Appendix No. 8 ... ... ... ... | | | | | | | 35,42,135 9 8 |
| **Worn-out Water Mains Renewal Fund.—** | | | | | | | |
| Expenditure as per Appendix No. 8 ... ... ... ... | | | | | | | 8,69,802 11 0 |
| **Unbooked Property.—** | | | | | | | |
| As per valuation of 1884 ... ... ... ... ... | | | | | | | 45,37,835 11 11 |
| **Municipal Land and Buildings Fund :—** | | | | | | | |
| Land purchased and Buildings erected as per Appendix No. 8 ... ... | | | | | 43,03,043 6 8 | | |
| Temporary advance to Development Fund ... ... ... | | | | | 31,77,390 6 0 | | 74,80,433 12 8 |
| **Investments—** | | | | | | | |
| | In Securities. | | | In Cash. | | | |
| | Face Value. | Actual Cost. | | Cash Deposits. | | | |
| | Rs. | Rs. a. p. | | Rs. a. p. | | | |
| **SINKING FUND :—** | | | | | | | |
| As per Appendix No. 10. | 3,15,51,500<br>£ 25,000 | 3,01,53,221 3 2 | | 107 1 2 | | | (a) 3,01,53,328 4 4 |
| **Loan & Trust Funds.** | | | | | | | |
| 3½ per cent. Loan 1947-50 ... | 1,09,100 | 1,06,766 0 0 | | 1,82,915 14 9 | | | * 2,89,681 14 9 |
| **SPECIAL FUNDS.** | | | | | | | |
| Worn-out Water Mains Renewal Fund ... ... | 1,07,000 | 84,954 13 0 | | 323 0 8 | | | † 85,277 13 8 |
| Total Rs. .. | | | | | | | 28,79,61,332 1 6 |

(a) For Face, Purchase and Market values of securities held in the Sinking Funds, please see Appendix No. 16A.

* Inclusive of Rs. 2,58,231-6-3 on account of Trust Funds.

† For Face, Purchase and Market values of securities held in the Fund, please see Appendix No. 16.

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 8.

## SUMMARY.

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| **(1) Loan Funds.** | | | |
| I.—General Supervision, Collection of Revenue, &c. .. .. .. | 20,39,476 4 10 | .... | 20,39,476 4 10 |
| II.—Water Works .. .. .. | 9,49,13,046 7 4 | 5,36,517 2 0 | 9,54,49,563 9 4 |
| III.—Education, Primary .. .. .. | 21,89,007 12 11 | 47 4 0 | 21,89,055 0 11 |
| V.—Public Health Department .. .. | 14,03,214 13 0 | .... | 14,03,214 13 0 |
| VI.—Medical Relief and Education .. | 67,71,781 6 10 | 2,61,742 0 0 | 70,33,523 6 10 |
| VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service .. .. .. .. | 84,83,437 13 11 | 91,944 2 0 | 85,75,381 15 11 |
| VIII.—Roads, Drains and Sewers .. .. | 6,45,23,510 11 11 | 18,94,502 2 10 | 6,64,18,012 14 9 |
| IX.—Mechanical .. .. .. .. | 29,72,304 11 0 | 38,339 13 7 | 30,10,644 8 7 |
| X.—Buildings, Land Acquisition and Management .. .. .. | 4,16,43,787 14 4 | 1,41,155 12 11 | 4,17,84,943 11 3 |
| XI.—Fire Brigade .. .. .. .. | 10,59,485 14 9 | 41,878 15 0 | 11,01,364 13 9 |
| XIII.—Gardens and Open Spaces .. | 36,71,526 11 9 | .... | 36,71,526 11 9 |
| XIV.—Markets and Slaughter Houses .. | 77,34,363 7 4 | 27,953 9 0 | 77,62,317 0 4 |
| Discount and other Charges on Loans .. | 2,83,647 7 3 | 6,000 14 0 | 2,89,648 5 3 |
| Plant and Machinery .. .. .. .. | 82,791 13 0 | 1,91,371 2 0 | 2,74,162 15 0 |
| **(1) Loan Works—Total Rs.** .. | 23,77,71,383 6 2 | 32,31,452 13 4 | 24,10,02,836 3 6 |
| **(2) Trust Fund.** | | | |
| Works executed.. .. .. .. .. | 35,42,135 9 8 | .... | 35,42,135 9 8 |
| **(3) Worn-out Water Mains Renewal Fund.** | | | |
| Works executed.. .. .. .. .. | 8,11,701 1 0 | 58,101 10 0 | 8,69,802 11 0 |
| **(4) Land and Buildings Fund.** | | | |
| Lands purchased and buildings erected .. | 43,03,043 6 8 | .... | 43,03,043 6 8 |
| **Grand Total Rs.** .. | 24,64,28,263 7 6 | 32,89,554 7 4 | 24,97,17,817 14 10 |

# Appendix No. 8.

## Block Account showing details of Capital Expenditure upto 31st March 1938.

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| I.—GENERAL SUPERVISION, COLLECTION OF REVENUE, ETC. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 20,39,476 4 10 | .... | 20,39,476 4 10 |
| II.—WATER WORKS, ORDINARY. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 4,47,25,716 0 1 | .... | 4,47,25,716 0 1 |
| Conversion gradually of an adequate number of underground hydrants out of the existing 4,849 underground hydrants into stand-post hydrants to prevent pollution of the water supply of the city .. .. .. .. .. | 16,221 3 1 | 6,718 3 0 | 22,939 6 1 |
| Providing water mains with hydrants, etc., in the layout of roads in Scheme No. 57, Sewri-Wadala .. .. .. .. | 46,886 8 3 | 8,857 5 0 | 55,743 13 3 |
| Works completed during the year. .. | 4,47,88,823 11 5 | 15,575 8 0 | 4,48,04,399 3 5 |
| Laying 9″ water main through Sewri Cemetery compound between 15″ main at Jerbai Wadia Road and 6″ main in Golanji Hill Road .. .. .. | 6,736 0 0 | .... | 6,736 0 0 |
| Providing 6″ main in the west footpath of Lady Jamshedji Road between Sorab Mill Lane and Gokhale Road .. .. .. | 4,420 11 0 | .... | 4,420 11 0 |
| Extending 5″ main in low-level road south of Frere Bridge, Grant Road .. .. | 1,221 8 0 | .... | 1,221 8 0 |
| | 12,378 3 0 | .... | 12,378 3 0 |
| | 4,48,01,201 14 5 | 15,575 8 0 | 4,48,16,777 6 5 |
| Works in progress— | | | |
| Laying 5″ main in Laxminarayan Lane, Matunga.. .. .. .. .. | 2,612 12 0 | 1,569 0 0 | 4,181 12 0 |
| Laying 6″ main in Umarkhadi 2nd Road .. .. .. .. .. | 2,672 8 0 | *Cr.* 26 5 0 | 2,646 3 0 |
| Laying 6″ main in Musjid Siding Road.. | 5,872 9 6 | 395 7 0 | 6,268 0 6 |
| Providing additional water mains in Mahim development scheme and Sayani Road .. .. .. .. | 24,538 8 2 | 2,595 11 0 | 27,134 3 2 |
| Providing water mains in the layout of New Roads at Back Bay Reclamation Scheme– | | | |
| Providing 30″ trunk main from Malabar Hill Reservoir to Block No. 1 with cross connection to 24″ main in Churchgate Street .. .. .. .. .. | 20,202 8 6 | 2,50,312 8 6 | 2,70,515 1 0 |
| Providing 9″ and 6″ distributory mains in Block No. 1 .. .. .. .. | 21,271 3 6 | 14,134 7 0 | 35,405 10 6 |
| Providing 9″ and 6″ distributory mains in Block No. 2 .. .. .. .. | 47,332 6 6 | 9,565 4 0 | 56,897 10 0 |
| Providing a 30″ trunk main from the end of Block No. 1 along Marine Street and 120′ road opposite Band Stand with a cross connection to existing main near Wellington Fountain .. .. .. | 2,446 15 0 | 47,913 13 0 | 50,360 12 0 |
| Providing new water mains in Mahim District .. .. .. .. .. | 18,931 1 0 | 9,385 6 0 | 28,316 7 0 |
| Laying 6″ water main in Arthur Bunder Road and in the proposed extension of Strand Road and Mereweather Road.. | 3,750 11 0 | 1,281 11 0 | 5,032 6 0 |
| Providing 6″ main in either footpath of Sir Pherozeshah Mehta Road between Hornby Road and Bazar Gate Street.. | 5,035 14 0 | 3,084 14 0 | 8,120 12 0 |
| Providing 6″ main in Sydenham Road east footpath between Musjid Bunder Road and Carnac Road .. .. | 3,721 15 0 | 4,750 14 0 | 8,472 13 0 |
| Providing 6″ water main in Mogul Lane from Lady Hardinge Road to Tulsi Pipe Line .. .. .. .. | 3,560 8 0 | 2,021 6 0 | 5,581 14 0 |
| Taking exploratory borings in the Tansa Dam to determine the uplift pressure and examine the quality of masonry .. .. .. .. .. | 1,110 3 0 | 45,790 1 0 | 46,900 4 0 |
| Works in progress—Carried forward .. | 1,63,059 11 2 | 3,92,774 1 6 | 5,55,833 12 8 |
| II.—Water Works, Ordinary—Carried forward .. | 4,48,01,201 14 5 | 15,575 8 0 | 4,48,16,777 6 5 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| II.—Water Works—Brought forward .. | 4,48,01,201 14 5 | 15,575 8 0 | 4,48,16,777 6 5 |
| Works in progress—Brought over .. | 1,63,059 11 2 | 3,92,774 1 6 | 5,55,833 12 8 |
| Extending 18″ main in King Edward Road from Haffkine Institute upto junction of Sewri New Road .. .. .. | .... | 39,186 7 0 | 39,186 7 0 |
| Making a Pito-meter Survey of the trunk and distributory water mains in the city .. .. .. .. .. | .... | 5,721 11 6 | 5,721 11 6 |
| Laying further water mains in some of the roads in Mahim District .. .. .. | .... | 9,449 14 0 | 9,449 14 0 |
| Providing 9″ water main in western carriageway about 5′ from the kerbing in Vincent Road from Dadar Main Road upto Naigaum Cross Road .. .. | .... | 20,307 4 0 | 20,307 4 0 |
| Laying 6″ main in the layout of Colaba Railway lands and in the 1st, 2nd and 3rd Pasta Lanes and diverting a length of 5″ main in Wodehouse Road .. .. | .... | 6,827 4 0 | 6,827 4 0 |
| Providing 9″ main in Globe Mill Lane .. | .... | 14,760 1 0 | 14,760 1 0 |
| Extending 6″ water mains in roads Nos. 7 and 9 in Naoroji Hill Estate Scheme No. 29 .. .. .. .. .. | .... | 3,749 6 0 | 3,749 6 0 |
| Measures for preventing the leakage from Malabar Hill and Bhandarwada Reservoirs .. .. .. .. .. | .... | 9,235 1 0 | 9,235 1 0 |
| Providing 6″ main with S.P. hydrants on new west footpath of Parel Road between Byculla Bridge and Victoria Road .. | .... | 2,920 0 0 | 2,920 0 0 |
| Enlarging the 3″ main to 6″ in Kolbhat Wadi and extending the same upto Kolbhat Street .. .. .. .. | .... | 2,330 7 0 | 2,330 7 0 |
| Replacing a short length of 3″ main by 6″ in Packmodia Street and extending the same along intervening portion between Grant Road and Guzar Street .. .. | .... | 6,457 1 0 | 6,457 1 0 |
| Enlarging 3″ main in Mughbhat Cross Lane by 5″ and extending the same for a length of 55 ft. .. .. .. .. | .... | 546 1 0 | 546 1 0 |
| Providing a length of 6″ main (extension of about 80′) in west footpath of Mahomedali Road to join with 5″ main in Nagdevi Street .. .. .. .. | .... | 393 5 0 | 393 5 0 |
| Providing 6″ water main in 40 ft. Road from Plot No. 86 to 1 in the Worli Hill Estate Scheme No. 52 .. .. .. | .... | 6,283 10 0 | 6,283 10 0 |
| .. | 1,63,059 11 2 | 5,20,941 10 0 | 6,84,001 5 2 |
| | 4,49,64,261 9 7 | 5,36,517 2 0 | 4,55,00,778 11 7 |
| Tansa Triplication :— Works completed (as per Report for 1936-37) .. .. .. .. .. | 4,99,48,784 13 9 | .... | 4,99,48,784 13 9 |
| II.—Water Works, Total Rs. .. | 9,49,13,046 7 4 | 5,36,517 2 0 | 9,54,49,563 9 4 |
| III.—EDUCATION. | | | |
| SCHOOL BUILDINGS— *Works completed* (as per Report for 1936-37) .. .. .. .. .. | 21,89,007 12 11 | .... | *21,89,007 12 11 |
| *Works in progress*— *Construction* of one ground and upper floor building within the compound of the Municipal School Building at Carnac Road .. .. .. .. .. | .... | 47 4 0 | 47 4 0 |
| III.—Education, Total Rs. .. .. | 21,89,007 12 11 | 47 4 0 | 21,89,055 0 11 |
| V.—PUBLIC HEALTH. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 14,03,214 13 0 | .... | 14,03,214 13 0 |
| VI.—MEDICAL RELIEF AND EDUCATION. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 66,57,526 11 1 | .... | †66,57,526 11 1 |
| Construction of a ward for Cholera and Plague cases at Arthur Road Hospital.. | 47,635 12 3 | .... | (*a*) 47,635 12 3 |
| Construction of an additional storey over the Isolation ward for venereal diseases at K. E. M. Hospital .. .. .. | 17,494 10 6 | .... | (*b*) 17,494 10 6 |
| Construction of an additional storey over the Nurses' quarters at K. E. M. Hospital .. .. .. .. .. | 12,347 13 1 | .... | (*c*) 12,347 13 1 |
| Works completed—Carried forward .. | 67,35,004 14 11 | .... | 67,35,004 14 11 |

* Inclusive of Government share of contribution of Rs. 5 lakhs.

† Exclusive of Rs. 30,000 expended out of the donation from Sir Ibrahim Rahimtoola, Kt., for combined School and Dispensary at Sandhurst Road.

(*a*) Exclusive of Rs. 43,390-14-4 expended out of the amount received from the Governor's Hospital Fund which was credited to the Work.

(*b*) Exclusive of Rs. 18,415-7-3 expended out of the amount received from the Governor's Hospital Fund which was credited to the Work.

(*c*) Exclusive of Rs. 5,039-14-1 expended out of the amount received from the Governor's Hospital Fund which was credited to the Work.

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| VI.—MEDICAL RELIEF AND EDUCATION— | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Works completed—Brought forward .. | 67,35,004 14 11 | .... | 67,35,004 14 11 |
| Works completed during the year— | | | |
| Construction of a Museum Hall at Gordhandas Sunderdas Medical College. (Part expenditure booked under Trust Fund) .. .. .. .. .. | 12,042 13 5 | .... | 12,042 13 5 |
| | 67,47,047 12 4 | .... | 67,47,047 12 4 |
| Works in progress— | | | |
| Construction of one New Ward for Small-pox unit at Arthur Road Hospital .. | 24,733 10 6 | 438 10 0 | (*a*) 25,172 4 6 |
| Construction of one ward in the general unit and another ward in the small-pox unit with the covered passages and the roads leading to them at the Arthur Road Hospital .. .. .. .. | .... | 22,431 9 0 | (*b*) 22,431 9 0 |
| Construction of Nurses' quarters and Store-room at Arthur Road Hospital .. .. | .... | 8,046 14 0 | 8,046 14 0 |
| Construction of Lady Students' Hostel .. | .... | 12,759 3 0 | 12,759 3 0 |
| Extension of the K.E.M. Hospital .. | .... | 253 14 0 | 253 14 0 |
| Constructing and equipping additional buildings in the compound of the Turner Sanatorium at Bhoiwada for increasing by 40 beds the accommodation for Tubercular patients .. .. .. | .... | 11 14 0 | 11 14 0 |
| Grant-in-aid to the King George V Jubilee and Memorial Committee being the amount equivalent to the cash value of a Municipal plot of land at the junction of Haines Road and Tulsi Pipe Line Road for an infirmary and a Beggars' Home. | .... | 2,17,800 0 0 | 2,17,800 0 0 |
| .. | 24,733 10 6 | 2,61,742 0 0 | 2,86,475 10 6 |
| VI.—Medical Relief etc., Total .. .. | 67,71,781 6 10 | 2,61,742 0 0 | 70,33,523 6 10 |
| VII.—STREET CLEANSING, CONSERVANCY, ROAD WATERING AND HALALKHORE SERVICE. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 63,83,962 13 11 | .... | 63,83,962 13 11 |
| Works in progress— | | | |
| Conversion of insanitary basket privies into water-closets by subsidizing House Owners .. .. .. .. | 20,99,475 0 0 | 300 0 0 | 20,99,775 0 0 |
| Conversion of privies into water-closets in Municipal Buildings .. .. .. | .... | 8,215 14 0 | 8,215 14 0 |
| Remodelling the platforms at Mahalaxmi Sidings .. .. .. .. .. | .... | 28,409 0 0 | 28,409 0 0 |
| Construction of stables and chawls at Kasarwadi .. .. .. .. .. | .... | 55,019 4 0 | 55,019 4 0 |
| .. | 20,99,475 0 0 | 91,944 2 0 | 21,91,419 2 0 |
| VII.—Street Cleansing, &c., Total Rs. .. | 84,83,437 13 11 | 91,944 2 0 | 85,75,381 15 11 |
| VIII.—ROADS, DRAINS AND SEWERS— | | | |
| ROADS AND OVERBRIDGES— | | | |
| ROADS— | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 97,29,781 14 2 | .... | ‡97,29,781 14 2 |
| Works in progress— | | | |
| Remaking Roads in accordance with demands of heavy traffic .. .. | 59,19,119 8 7 | 1,18,588 4 9 | 60,37,707 13 4 |
| Widening Globe Mill passage (Municipal share) .. .. .. .. .. | 1,19,562 15 11 | .... | 1,19,562 15 11 |
| Roads and Overbridges—Carried over .. | 60,38,682 8 6 | 1,18,588 4 9 | 61,57,270 13 3 |
| Roads, Works completed—Carried over .. | 97,29,781 14 2 | .... | 97,29,781 14 2 |

(*a*) Exclusive of Rs. 27,268-8-0 expended out of the amount received from the Governor's Hospital Fund which was credited to the Work.

(*b*) Exclusivs of Rs. 6,190-6-0 expended out of the amount received from the Governor's Hospital Fund which was credited to the Work.

‡ Inclusive of Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road.

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| VIII.—ROADS, DRAINS AND SEWERS— | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Roads, Works completed—Brought forward.. | 97,29,781 14 2 | .... | 97,29,781 14 2 |
| Works in progress—Brought forward .. | 60,38,682 8 6 | 1,18,588 4 9 | 61,57,270 13 3 |
| New Footpaths .. .. .. .. | 7,87,811 15 11 | 8,678 6 0 | 7,96,490 5 11 |
| Extension of Ranade Road from Lady Jamshedji Road to Gokhale Road .. | 4,894 1 0 | 37 9 0 | 4,931 10 0 |
| Constructing a pucca retaining wall at the toe of the Walkeshwar Road to support the Embankment .. .. | 9,449 5 0 | 1,598 15 0 | 11,048 4 0 |
| Construction of Tulsi Pipe Line Road between Dadar and Matunga .. | 1,341 13 0 | 19,960 15 0 | 21,302 12 0 |
| Improvement of the play-ground at Mori Road .. .. .. .. | 124 11 0 | 27,187 4 0 | 27,311 15 0 |
| Providing 20′ promenade on the west side and widening the existing carriageway of Hornby Vellard to 60′ .. .. | .... | 1,268 5 0 | 1,268 5 0 |
| Widening 1st Marine Street .. .. | .... | 5,882 2 0 | 5,882 2 0 |
| | 68,42,304 6 5 | 1,83,201 12 9 | 70,25,506 3 2 |
| | 1,65,72,086 4 7 | 1,83,201 12 9 | 1,67,55,288 1 4 |
| OVERBRIDGES— | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 43,42,958 5 1 | .... | 43,42,958 5 1 |
| Dadar Overbridge .. .. .. | 5,52,836 13 5 | *Cr.* 228 13 10 | 5,52,607 15 7 |
| Widening the Bridge at Love Grove Pumping Station and improving the bed of the channel .. .. .. | 47 13 3 | 13 7 0 | 61 4 3 |
| Widening Bellasis Road Bridge .. .. | .... | 66,229 9 0 | 66,229 9 0 |
| | 48,95,842 15 9 | 66,014 2 2 | 49,61,857 1 11 |
| STREET IMPROVEMENTS— | | | |
| Street Improvements in different places—Set-backs .. .. .. .. | 90,44,372 13 4 | 5,74,776 9 8 | 96,19,149 7 0 |
| Special Street Improvements .. .. | 19,000 0 0 | .... | †19,000 0 0 |
| | 90,63,372 13 4 | 5,74,776 9 8 | 96,38,149 7 0 |
| Roads, Overbridges and Street Improvements, Total Rs. .. | 3,05,31,302 1 8 | 8,23,992 8 7 | 3,13,55,294 10 3 |
| DRAINS AND SEWERS— | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 2,90,89,140 14 0 | .... | 2,90,89,140 14 0 |
| Construction of a new Drainage outfall at Love Grove .. .. .. .. | 22,48,721 6 4 | .... | 22,48,721 6 4 |
| Improvement to the sewerage system at Setalwad and Warden Roads .. .. | 78,654 9 3 | .... | 78,654 9 3 |
| Main sewerage and Drainage of the City— | | | |
| Acquisition of land at Tulsi Pipe Line Scheme for accommodating underground works .. .. .. .. | 5,37,253 7 6 | .... | 5,37,253 7 6 |
| Preliminary expenses .. .. .. | 2,28,063 7 9 | .... | 2,28,063 7 9 |
| Fees for the preparation of plans and estimates, etc., in connection with the Schemes for the Storm Water Drainage and Sewerage and Sewage disposal of the City .. | 1,44,492 15 6 | .... | 1,44,492 15 6 |
| | 3,23,26,326 12 4 | .... | 3,23,26,326 12 4 |
| Works in progress :— | | | |
| Sewerage Scheme for the Northern Part of the Island .. .. .. .. | 11,99,045 9 7 | 5,10,532 4 9 | 17,09,577 14 4 |
| Sludge Digestion Plant .. .. .. | 2,50,158 0 6 | 44,751 7 0 | 2,94,909 7 6 |
| Construction of Subsidiary and Branch Sewers in connection with the Sewerage Scheme for the Northern part of the City .. .. .. .. .. | 1,93,446 11 10 | 3,57,307 1 0 | 5,50,753 12 10 |
| Providing a 30″ circular Concrete Sewer at Bellasis Road between Ripon Road and Lamington Road .. .. .. | 23 3 0 | 61,217 0 6 | 61,240 3 6 |
| Providing S. W. drainage arrangements in Haines Road between Love Grove Road and the culvert over the open channel drain .. .. .. .. | 7,648 5 0 | 8,694 15 0 | 16,343 4 0 |
| Drains and Sewers—Carried forward .. | 16,50,321 13 11 | 9,82,502 12 3 | 26,32,824 10 2 |
| Drains and Sewers, Works completed—Carried forward . .. | 3,23,26,326 12 4 | .... | 3,23,26,326 12 4 |
| VIII.—Roads, Drains and Sewers—Carried forward .. | 3,05,31,302 1 8 | 8,23,992 8 7 | 3,13,55,294 10 3 |

† This was paid out of the Road Improvement Fund.

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1937 | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *VIII.*—ROADS, DRAINS AND SEWERS—Brought forward .. | 3,05,31,302 1 8 | 8,23,992 8 7 | 3,13,55,294 10 3 |
| Drains and Sewers, Works completed—Brought forward .. | 3,23,26,326 12 4 | .... | 8,23,26,326 12 4 |
| Drains and Sewers—Brought forward .. | 16,50,321 13 11 | 9,82,502 12 3 | 26,32,824 10 2 |
| Drains & Sewers Works in progress—*contd.* | | | |
| Providing closed S.W. drainage arrangements in lieu of the existing open side drains along Queen's Road— | | | |
| (1) Between Church Gate Street and 1st Marine Street .. .. .. | 15,560 0 0 | *Cr.* 53 0 0 | 15,507 0 0 |
| (2) Between Lohar Street and Thakurdwar Road .. .. .. | .... | 12,834 13 0 | 12,834 13 0 |
| Providing a new sewer at Ripon Road .. | .... | 205 8 0 | 205 8 0 |
| Providing S.W. drainage arrangements in lieu of the existing outlets on Chowpatty foreshore .. .. .. .. | .... | 174 6 0 | 174 6 0 |
| Providing a sewer for conveying the sewage from Worli ejector to Love Grove Pumping Station .. .. .. .. | .... | *Cr.* 52 8 0 | *Cr.* 52 8 0 |
| Completion of House drainage connections in different parts of the city .. .. | .... | 49,992 9 0 | 49,992 9 0 |
| Construction of water gullies on various roads in the city .. .. .. .. | .... | 4,866 8 0 | 4,866 8 0 |
| Renewal of the existing old masonry drains in Abdul Rehman Street, Musjid Bunder Road and Nagdevi Street .. | .... | 20,038 10 0 | 20,038 10 0 |
| Drains and Sewers, Total Rs. .. | 3,39,92,208 10 3 | 10,70,509 10 3 | 3,50,62,718 4 6 |
| VIII—Roads, Drains and Sewers, Total Rs. | 6,45,23,510 11 11 | 18,94,502 2 10 | ‡6,64,18,012 14 9 |
| XI.—MECHANICAL. | | | |
| Works Completed—(as per Report for 1936-37) .. .. .. .. .. | 26,34,163 4 6 | .... | 26,34,163 4 6 |
| Works completed during the year— | | | |
| Improvements to the ejector system in the Colaba area— | | | |
| (1) Providing 5″ air main from Kitridge Road to Afghan Church and 4″ and 3″ branch mains to ejector Nos. 4 and 5 at Colaba and .. .. | 27,615 11 0 | .... | 27,615 11 0 |
| (2) 8″ Sealed sewage main in Beach Road for ejector station No. 5 at Colaba . | 3,140 2 0 | .... | 3,140 2 0 |
| Installing station condensers with a view to correcting the power factor of the Electric motors at the air compressor stations at Victoria Gardens and Furgusson Road. . | 14,703 12 0 | .... | 14,703 12 0 |
| | 45,459 9 0 | .... | 45,459 9 0 |
| | 26,79,622 13 6 | .... | 26,79,622 13 6 |
| Works in progress— | | | |
| Improving the ejector system in the City .. .. .. .. .. | 1,86,736 7 3 | 22,340 15 7 | 2,09,077 6 10 |
| Providing two electrically driven pumps at Love Grove Pumping Station .. | 42,540 2 8 | 4,550 11 0 | 47,090 13 8 |
| Improvements to the ejector system in the Colaba area— | | | |
| (1) Compressor Plant at Colaba .. .. | 24,492 8 7 | .... | 24,492 8 7 |
| (2) Providing transformers and static condensers to the existing compressor plant and providing an additional 1,400 c.ft. slow speed compressor plant .. .. .. .. | 34,346 9 0 | 9,899 0 0 | 44,245 9 0 |
| Installing water coolers at the air compressor stations at Victoria Gardens, Fergusson Road and Warden Road .. | 4,566 2 0 | 1,505 11 0 | 6,071 13 0 |
| Purchase of necessary Plant and Machinery to utilise surplus sludge Gas available at the sludge Digestion Plant to run the Municipal motor lorries .. .... .. | .... | 43 8 0 | 43 8 0 |
| | 2,92,681 13 6 | 38,339 13 7 | 3,31,021 11 1 |
| IX.—MECHANICAL, Total Rs. .. | 29,72,304 11 0 | 38,339 13 7 | 30,10,644 8 7 |
| X.—BUILDINGS, LAND ACQUISITION AND MANAGEMENT. | | | |
| COMPLETED WORKS TRANSFERRED FROM— | | | |
| XII.—Building Regulations and other measures for Public Safety :— | | | |
| (As per Report for 1936-37) .. .. | 17,292 2 5 | .... | 17,292 2 5 |
| Carried forward .. | 17,292 2 5 | .... | 17,292 2 5 |

This includes Rs. 15,995-1-0 met out of Premia on Loans.

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | * Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| X.—BUILDINGS, LAND ACQUISITION AND MANAGEMENT— | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward .. | 17,292 2 5 | .... | 17,292 2 5 |
| Golanji Hill Road (Part expenditure booked under VIII.—Roads, etc.) .. | 7,64,222 11 0 | 2,367 8 0 | 7,66,590 3 0 |
| Hornby Road to Ballard Pier Road .. | 1,87,89,550 7 6 | 19,843 8 0 | 1,88,09,393 15 6 |
| Dalal Street .. .. .. .. | 4,01,322 4 1 | .... | 4,01,322 4 1 |
| Mahim Park .. .. .. .. | 57,67,954 6 5 | 83,038 7 11 | 58,50,992 14 4 |
| Mahaluxmi Overbridge .. .. .. | 12,96,827 6 10 | 16,713 0 0 | 13,13,540 6 10 |
| Plant and Machinery .. .. .. | 20,673 0 2 | .... | 20,673 0 2 |
| | 2,70,40,550 4 0 | 1,21,962 7 11 | 2,71,62,512 11 11 |
| MAHIM DEVELOPMENT SCHEMES.— | | | |
| Scheme I.—Construction of a proposed road from Lady Jamshedji Road to Mahim Station .. .. .. .. | 4,38,023 6 8 | .... | 4,38,023 6 8 |
| Scheme II.—Construction of two proposed roads and a park between Nardulla Tank and Dadar Kumbharwada .. .. .. .. | 7,63,105 12 8 | .... | 7,63,105 12 8 |
| Scheme III.—Extension of the new DeLisle Road northwards to Lady Jamshedji Road .. .. .. | 18,70,392 10 0 | 1,311 12 0 | 18,71,704 6 0 |
| Scheme IV.—Widening and improving Lady Jamshedji Road .. .. .. | 33,40,125 13 11 | 17,357 1 0 | 33,57,482 14 11 |
| Scheme V.—Road in continuation of Mahim Bazaar Cross Road to Tulsi Pipe Line Road .. .. .. | 3,14,843 3 7 | 524 8 0 | 3,15,367 11 7 |
| Scheme VI.—Proposed Road between Matunga and Dadar Station connecting Lady Jamshedji Road with Tulsi Pipe Line Road (Road marked A, B) . | 63,485 1 8 | .... | 63,485 1 8 |
| Scheme VII.—Roads to be constructed in the area south of proposed Road between Matunga and Dadar Station as per Scheme No. VI. (Roads marked B D, C D and D E) .. .. | 4,09,890 13 7 | .... | 4,09,890 13 7 |
| Scheme VIII.—Roads to the south and north of E. D. Sassoon Dye Works .. | 2,75,385 5 6 | .... | 2,75,385 5 6 |
| Laying mains in Mahim Development Schemes .. .. .. .. .. | 96,706 11 4 | .... | 96,706 11 4 |
| Diversion of water mains affected by the Mahim Development Works .. .. | 3,148 14 10 | .... | 3,148 14 10 |
| | 75,75,107 13 9 | 19,193 5 0 | 75,94,301 2 9 |
| Interest on Capital .. .. .. | 70,10,837 10 2 | .... | 70,10,837 10 2 |
| X.—Buildings, Land Acquisition and Management, Total Rs. .. | 4,16,43,787 14 4 | 1,41,155 12 11 | 4,17,84,943 11 3 |
| XI.—FIRE BRIGADE. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 10,59,485 14 9 | .... | 10,59,485 14 9 |
| WORK IN PROGRESS— | | | |
| Construction of a new Fire Brigade Station at Gunbow Street on Plots 48 and 49, Hornby Road to Ballard Pier Scheme .. | .... | 41,878 15 0 | 41,878 15 0 |
| XI.—Fire Brigade—Total Rs. .. | 10,59,485 14 9 | 41,878 15 0 | 11,01,364 13 9 |
| XIII.—GARDENS AND OPEN SPACES. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 36,71,526 11 9 | .... | 36,71,526 11 9 |
| XIV.—MARKETS AND SLAUGHTER HOUSES. | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 77,34,363 7 4 | .... | 77,34,363 7 4 |
| WORK IN PROGRESS— | | | |
| Construction of a market at Gold Mohur Castle, Byculla with carriageway, footpath, drainage and lighting .. .. | .... | 27,953 9 0 | 27,953 9 0 |
| XIV.—Markets, &c., Total Rs. .. | 77,34,363 7 4 | 27,953 9 0 | 77,62,317 0 4 |
| DISCOUNT AND OTHER CHARGES ON THE LOANS .. .. .. | 2,65,130 9 3 | .... | 2,65,130 9 3 |
| Discount and other charges on the loan of Rs. 18½ lakhs out of Rs. 24½ lakhs .. | 18,516 14 0 | 6,000 14 0 | 24,517 12 0 |
| Discount and other charges—Total Rs. .. | 2,83,647 7 3 | 6,000 14 0 | *2,89,648 5 3 |

* Out of this a sum of Rs. 11,004-15-0 was met out of premia on loans.

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| PLANT AND MACHINERY. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| COMPLETED ITEMS DURING 1937-38. | | | |
| II.—WATER WORKS— | | | |
| One crude oil or Petrol Loco for Transport of heavy pipes and materials for works on the pipe lines outside the city .. | 11,980 0 0 | .... | 11,980 0 0 |
| VII.—STREET CLEANSING, ETC. | | | |
| Purchase of ten steel-wood composite wagons .. .. .. .. .. | 26,411 0 0 | .... | 26,411 0 0 |
| VIII.—ROADS, DRAINS AND SEWERS. | | | |
| Purchase of three 4-ton and one 6-ton Road Rollers .. .. .. .. .. | 26,511 0 0 | .... | 26,511 0 0 |
| Suspense a/c (Mechanical Transport).— | | | |
| Purchase of two (about 1¼ ton) lorries .. | 4,835 2 0 | .... | 4,835 2 0 |
| Purchase of one low loading lorry complete with hydraulic tipping gear for transport of road materials .. .. .. .. | 13,054 11 0 | .... | 13,054 11 0 |
| | 82,791 13 0 | .... | 82,791 13 0 |
| Purchase of a boiler for the disinfection at Sukhlaji Street .. .. .. | .... | 1,812 2 0 | 1,812 2 0 |
| Purchase of ten steel wood composite wagons .. .. .. .. .. | .... | 27,111 0 0 | 27,111 0 0 |
| Purchase of four 1 to 2 ton lorries .. | .... | 10,495 5 0 | 10,495 5 0 |
| Purchase two light weight rollers of about 2-4 tons weight (Petrol rollers) .. .. | .... | 9,700 0 0 | 9,700 0 0 |
| Purchase of a set of Air Compressor, pavement breaker rammers, etc., with hose and spares .. .. .. .. | .... | 10,690 0 0 | 10,690 0 0 |
| Purchase of three concrete mixers (one of 12½ c. ft. capacity and two small portable ones of 4¾ c. ft. capacity) .. | .... | 4,135 0 0 | 4,135 0 0 |
| Purchase of machinery for the Municipal Workshops for change over from steam to electric drive plant .. .. .. | .... | 2,036 14 0 | 2,036 14 0 |
| Purchase of one heavy type Petrol Motor Fire Engine complete .. .. .. | .... | 26,110 0 0 | 26,110 0 0 |
| Purchase of one light type Petrol Motor Fire Engine complete .. .. .. | .... | 13,750 0 0 | 13,750 0 0 |
| Purchase of one self-contained portable Fire Pump .. .. .. .. | .... | 5,995 0 0 | 5,995 0 0 |
| Purchase of one heavy type Petrol Motor Fire Engine complete .. .. .. | .... | 25,200 0 0 | 25,200 0 0 |
| Purchase of one 60 ft. Fire Escape.. .. | .... | 3,995 0 0 | 3,995 0 0 |
| SUSPENSE ACCOUNT— | | | |
| Purchase of two stone-crushers .. .. | .... | 20,290 13 0 | 20,290 13 0 |
| Municipal Printing Press— | | | |
| Purchase of one Cylinder Printing Machine | .... | 11,750 0 0 | 11,750 0 0 |
| Purchase of one Lino-type Machine .. | .... | 18,300 0 0 | 18,300 0 0 |
| | .... | 1,91,371 2 0 | 1,91,371 2 0 |
| Plant and Machinery, Total Rs. .. | 82,791 13 0 | 1,91,371 2 0 | 2,74,162 15 0 |
| **Trust Funds—** | | | |
| Works completed (as per report for 1936-37) .. .. .. .. .. | 35,42,135 9 8 | .... | 35,42,135 9 8 |
| **Worn-out Water Mains Renewal Fund—** | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. .. | 6,87,670 4 1 | .... | 6,87,670 4 1 |
| Works completed during the year— | | | |
| Replacing 24″ main through old Government House Compound at Parel .. | 9,524 8 0 | .... | 9,524 8 0 |
| Replacing 3″ main in 2nd Carpenter Street by 5″ main .. .. .. .. | 1,786 0 0 | .... | 1,786 0 0 |
| Replacing 3″ main in Mirza Street by 5″ main .. .. .. .. .. | 774 8 0 | .... | 774 8 0 |
| | 12,085 0 0 | .... | 12,085 0 0 |
| *Works in progress :—* | 6,99,755 4 1 | .... | 6,99,755 4 1 |
| *Replacing Water Mains less than 6″ by large ones in F & G Wards .. ..* | 70,336 12 10 | .... | 70,336 12 10 |
| *Replacing 4″ main by 9″ and 6″ one in Dharavi Road between Bombay-Agra Road and 12′ Dharavi Passage ..* | 14,516 4 7 | 7,414 13 0 | 21,931 1 7 |
| Carried forward .. | 84,853 1 5 | 7,414 13 0 | 92,267 14 5 |
| Works completed—Carried forward .. .. | 6,99,755 4 1 | .... | 6,99,755 4 1 |

## Appendix No. 8—*concluded.*

| ——— | Capital Expenditure upto 31st March 1937. | Expended during the year. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Worn out Water Mains Renewal Fund— | | | |
| Works completed—Brought forward .. | 6,99,755 4 1 | .... | 6,99,755 4 1 |
| Works in progress—Brought forward .. | 84,853 1 5 | 7,414 13 0 | 92,267 14 5 |
| Replacing 4″ main in Worli Koliwada Road by 9″ main .. .. .. | 16,958 4 0 | *Cr.* 1 3 0 | 16,957 1 0 |
| Replacing 5″ main in Fanaswadi Street by 9″ main .. .. .. .. | 9,454 8 6 | 58 11 0 | 9,513 3 6 |
| Replacing 3″ main in Dharamshala Street by 5″ main .. .. .. .. | 679 15 0 | 8 6 0 | 688 5 6 |
| Enlarging the existing 9″ and 6″ water mains in Sewri New Road to 12″ in diameter from 18″ main in Reay Road upto Road opposite Sewri Cemetery .. .. | .... | 50,620 15 0 | 50,620 15 0 |
| | 1,11,945 12 11 | 58,101 10 0 | 1,70,047 6 11 |
| Worn-out Water Mains Renewal Fund, Total Rs. .. .. | 8,11,701 1 0 | 58,101 10 0 | 8,69,802 11 0 |
| LAND AND BUILDINGS FUND— | | | |
| Lands purchased and buildings erected out of the Municipal Land and Buildings Fund— | | | |
| Works completed (as per Report for 1936-37) .. .. .. .. | 43,03,043 6 8 | .... | 43,03,043 6 8 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

*Statement showing* (1) *the total amount of Municipal Loans*

| — | Amount raised. | Amounts repaid out of cash balances. | Net Amount available for expenditure. | I—General Superintendence, Collection of Revenue. | II—Water Works. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Total of different Municipal loans raised (as per Annual Report for 1936-37) .. .. | 23,51,15,599 2 3 | 1,06,33,000 0 0 | 22,44,82,599 2 3 | | |
| New loan in 1937-38 (portion of 24½ lakhs loan of 1936-37) .. .. | 6,00,000 0 0 | .... | 6,00,000 0 0 | | |
| Temporary advance from Land Sales Reserve Fund .. .. | 18,75,000 0 0 | .... | 18,75,000 0 0 | | |
| Advance from Special Fund for purchase of Plant & Machinery .. | 1,91,500 0 0 | .... | 1,91,500 0 0 | | |
| Grand Total Rs. .. | 23,77,82,099 2 3 | 1,06,33,000 0 0 | 22,71,49,099 2 3 | 13,87,455 11 5 | 9,46,94,915 12 9 |
| Works executed out of Special Funds and Contributions :— | | | | | |
| (1) Out of Contributions from— | | | | | |
| G. I. P. Railway for removing and relaying 32″ Vehar Main, South of Kurla .. | | | | .... | 3,74,000 0 0 |
| Port Trust for Wari Bunder Road .. .. .. .. | | | | .... | .... |
| Government for Construction of Primary School Buildings .. .. .. | | | | .... | .... |
| (2) Out of Premia on Loans .. .. .. .. .. | | | | .... | 2,40,000 0 0 |
| (3) Out of Special Funds :— | | | | | |
| Invested Fund .. .. .. .. .. .. | | | | 7,34,326 8 3 | .... |
| Nesbit Road Invested Fund .. .. .. .. .. | | | | .... | .... |
| Road Improvement Fund .. .. .. .. .. | | | | .... | .... |
| Loan Works Establishment .. .. .. .. .. | | | | .... | .... |
| Development Fund Receipts .. .. .. .. .. | | | | .... | 1,40,647 12 7 |
| Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children .. .. | | | | .... | .... |
| | | | | 21,21,782 3 8 | 9,54,49,563 9 4 |
| *Deduct*— | | | | | |
| Plague Expenditure .. .. .. .. .. | | | | .... | .... |
| Amounts written off on account of properties not existing .. .. .. | | | | 82,305 14 10 | .... |
| | | | | 20,39,476 4 10 | 9,54,49,563 9 4 |

M. R. TAMBE,

*Chief Accountant.*

**No. 9.**

*raised (2) the expenditure incurred there-against and (3) the invested balances of the Loans on 31st March 1938.*

| III—Education, Primary. | V—Public Health. | VI—Medical Relief and Education. | VII—Street Cleansing, Conservancy, Road Watering and Halalkhore Service. | VIII—Roads, Drains and Sewers. | IX—Mechanical. | X—Buildings, Land Acquisition and Management. | XI—Fire Brigade. | XIII—Gardens and open spaces. | XIV—Markets and Slaughter Houses. | Discount and other charges on Loans. | Plant and Machinery. | Total amount expended on works upto 31st March 1938. | Balance unexpended on 1st April 1938. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 16,89,055 0 11 | 34,07,127 10 0 | 63,33,523 6 10 | 82,73,153 12 3 | 6,64,69,143 4 9 | 30,10,644 8 7 | 2,87,95,533 3 10 | 11,01,364 13 9 | 36,53,656 12 1 | 77,48,968 3 4 | 2,78,643 6 3 | 2,74,162 15 0 | 22,71,17,648 9 9 | 31,450 8 6 |
| .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | | |
| .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | | |
| 5,00,000 0 0 | .... | .... | .... | 1,56,500 0 0 | .... | .... | .... | .... | .... | .... | .... | | |
| .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | | |
| | | | | 15,995 1 0 | .... | .... | .... | .... | 53,848 11 11 | 11,004 15 0 | .... | | |
| .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | | |
| .... | .... | .... | .... | 49,844 8 0 | .... | .... | .... | .... | .... | .... | .... | | |
| .... | .... | .... | .... | 19,000 0 0 | .... | .... | .... | .... | .... | .... | .... | | |
| .... | .... | .... | .... | .... | .... | .... | .... | 17,869 15 8 | .... | .... | .... | | |
| .... | .... | .... | 3,02,317 3 8 | .... | .... | .... | .... | .... | .... | .... | .... | | |
| .... | .... | 7,00,000 0 0 | .... | .... | .... | 1,29,89,110 7 5 | .... | .... | .... | .... | .... | | |
| 21,89,055 0 11 | 34,07,127 10 0 | 70,33,523 6 10 | 85,75,470 15 11 | 6,67,10,482 13 9 | 30,10,644 8 7 | 4,17,84,943 11 3 | 11,01,364 13 9 | 36,71,526 11 9 | 78,02,816 15 3 | 2,89,648 5 3 | 2,74,162 15 0 | | |
| .... | 20,00,000 0 0 | | | | | | | | | | | | |
| .... | 3,912 13 0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | | |
| | 20,03,912 13 0 | .... | 89 6 0 | 2,92,469 15 0 | .... | .... | .... | .... | 40,499 14 11 | .... | .... | | |
| 21,89,055 0 11 | 14,03,214 13 0 | 70,33,523 6 10 | 85,75,381 15 11 | 6,64,18,012 14 9 | 30,10,644 8 7 | 4,17,84,943 11 3 | 11,01,364 13 9 | 36,71,526 11 9 | 77,62,317 0 4 | 2,89,648 5 3 | 2,74,162 15 0 | | |

| | Rs. a. p. |
|---|---|
| Total Receipts (Col. 4) .. | 22,71,49,099 2 3 |
| Total Expenditure (Col. 19) .. | 22,71,17,648 9 9 |
| Balance | †31,450 8 6 |

† Inclusive of the sum of Rs. 337-1-0 out of the advance for the purchase of plant and machinery.

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 10.

## SINKING FUND.

STATEMENT showing the Actual Investments on account of the Sinking Fund of different Municipal Loans upto 31st March 1938, compared with the amounts which should have accumulated upto that date on the basis of the Fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1938.

| NAME OF LOAN. | Amount raised. | When raised. | When repayable. | Amount of Annual Sinking Fund Instalment. | Date when Sinking Fund commenced. | Amount of Sinking Fund which should have accumulated upto 31st March 1938 at Compound Interest. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| *6 per cent. Municipal Loans (4 per cent. basis).* | Rs. | | | † Rs. | | Rs. |
| 160 Lakhs Loan for the Improvement of Water Supply in Bombay. | 1,60,00,000 | Between 22nd Sept. 1924 and 31st March 1925 (First issue). Between 18th Nov. 1924 and 31st March 1925 (Second issue). | 1st December 1954 .. | 2,85,280 | 1st December 1925. | 48,06,551 |
| *5 and 6 per cent. Municipal Loans (3½ per cent. basis).* | | | | | | |
| 147 Lakhs Tansa Water Works Loan .. | 1,47,00,000 | Between 5th June 1886 and 24th Dec. 1891. | (a) Between 1st January 1928 and 1st Jan. 1953. | 3,40,615 | 1st January 1893 .. | 18,55,016 |
| 10 Lakhs Loan for the Conversion of S. W. Reservoir at Clerk Road into a Public Park. | (A) 10,00,000 | 2nd July 1920. | 1st July 1980 .. | 5,089 | 1st July 1921 .. | 1,18,570 |
| 25 Lakhs Loan for the construction of roads, miscellaneous works including Development Works. | 25,00,000 | 1st Jan. 1928... | 1st January 1958 .. | 48,428 | 1st January 1929 .. | 5,73,102 |
| 37 Lakhs Loan (1929-30) ... | 26,21,500 | From 19th July 1929 to 1st August 1929. | 1st August 1959 ... | 50,782 | 1st August 1930 ... | 4,70,377 |
| 31-43 Lakhs Loan for the repayment of 40 Lakhs Loan due 19th December 1929. | 26,14,000 | Do. ... | 1st August 1959 or at the option of the Corporation on or after 1st August 1949 on giving three months' notice by public advertisement. | 50,637 | Do ... | 4,69,037 |
| 28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929. | 8,45,500 | Do. ... | 1st August 1959 or at the option of the Corporation on or after 1st August 1954 on giving three months' notice by public advertisement. | 16,379 | Do. | 1,51,717 |
| 40 Lakhs Loan (1930-31) .. | 40,00,000 | From 20th Sept. 1930 to 6th Oct. 1930. | 1st September 1960 or at the option of the Corporation on or after 1st September 1950 on giving 3 months' notice by public advertisement. | 77,484 | 1st June 1931 .. | 6,20,362 |
| | | | | | | 42,58,181 |
| | | | | | Carried forward .. | 90,64,732 |

(A)—This amount has been raised from the Western India Turf Club Ltd., and the debentures issued to Western India Turf Club, Ltd., are to be repurchased by the Municipal Corporation after 20 years from 1st July 1920, the date on which the loan was raised for investment against the Sinking Funds on the Municipal Loans.

| (a) Rs. | Repayable on |
|---|---|
| 2,00,000 | 1-1-1928. |
| 52,91,500 | 1-1-1933. |
| 22,08,500 | 1-1-1943. |
| 17,00,000 | 1-1-1946. |
| 10,00,000 | 1-1-1948. |
| 43,00,000 | 1-1-1953. |
| Rs. 1,47,00,000 | |

*Less—*

| | |
|---|---|
| Rs. 2,00,000 | Repaid on 1st January 1928. |
| ,, 52,79,000 | Repaid from 1-1-33 to 31-3-38. |
| Rs. 54,79,000 | |
| Rs. 92,21,000 | |

† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 1905 and were further re-arranged from 1st April 1928 as per Corporation Resolution No. 6114 of 12th September 1927.

## Appendix No. 10—*contd.*

| Name of Loan. | Amount raised. | When raised | When repayable. | Amount of Annual Sinking Fund Instalment. | Date when Sinking Fund commenced. | Amount of Sinking Fund which should have accumulated up to 31st March 1938 at Compound Interest. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Rs. | | | Rs. | | Rs. |
| | | | | | Brought over .. | 90,64,732 |
| 4 *per cent. Municipal Loans* (3½ *per cent. basis.*) | | | | | | |
| 23¼ Lakhs Loan for Drainage and other works. 15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works— | 23,25,000 | 12th and 31st January 1894 and 11th and 15th July 1895. | 1st July 1935 .. | .. | | 7,000 |
| 2nd Instalment ... ... | 5,75,000 raised at 4 per cent. | 17th July 1899 | 1st July 1936 .. | .. | | 1,000 |
| 25 Lakhs Loan for Sewerage, Water, etc., Works. | 25,00,000 | 17th and 18th July 1899. | 1st November 1939 .. | 29,773 | 1st November 1900 | 23,09,857 |
| 19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works. | 19,25,000 | 18th and 19th July 1899 and Sept. 1900. | 1st June 1940 .. | 22,810 | 1st June 1901 ... | 17,20,873 |
| 24¾ Lakhs Loan for certain Sewerage and Water Works. | 24,75,000 | 6 lakhs between 15th June and 1st July 1901. 11 lakhs between 23rd Aug. and 31st Oct. 1901. 4 lakhs between 19th Aug. and 28th Oct. 1902 and 3¾ lakhs on 9th Sept. 1903. | 1st June 1943 .. | 29,429 | 1st June 1904 .. | 19,10,490 |
| 30 Lakhs Loan for Buildings, Drainage Works, etc. | 30,00,000 | 1st Nov. 1920. | 1st January 1951 . | 58,113 | 1st January 1922 .. | 13,30,994 |
| | | | | | | 72,80,214 |
| | | | | | Carried forward .. | 1,63,44,946 |

## Appendix No. 10—*concld.*

| Name of Loan | Amount raised. | When raised. | When repayable. | Amount of Annual Sinking Fund Instalment. | Date when Sinking Fund commenced. | Amount of Sinking Fund which should have accumulated up to 31st March 1938 at Compound Interest. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Rs. | | | Rs. | Brought over ... | Rs. 1,63,44,946 |
| *4 per cent. Municipal Loans (3 per cent. basis).* | | | | | | |
| 2nd 24¾ Lakhs Loan for Sewerage Works. | 24,75,000 | 12 lakhs on 3rd Sept. 1905 and 12¾ lakhs on 9th Sept. 1907. | 1st August 1946 .. | 32,823 | 1st August 1907 .. | 16,74,052 |
| 13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries. | 13,50,000 | 7th Aug. 1908. | 1st May 1938 .. | 28,376 | 1st May 1909 .. | 13,18,409 |
| 15 Lakhs Loan for Street Improvements | 15,00,000 | 29th July 1909 | 1st May 1949 ... | 19,893 | 1st May 1910 .. | 8,77,506 |
| 30 Lakhs Loan for the acquisition of sites, for the construction of various Overbridges in the City. | 30,00,000 | 29th July 1909 and 10th Aug. 1910. | 1st May 1949 .. | 40,448 | 1st November 1910 and subsequent instalments from 1st May 1911 and 1st May 1929. | 17,48,222 |
| 55 Lakhs Loan for Miscellaneous Works | 55,00,000 | 7th and 10th Aug. and 1st Nov. 1911 and 1st Aug. 1913. | 1st June 1942 ... | 1,21,632 | 1st June 1914 .. | 42,92,044 |
| 70 Lakhs Loan for reduplication of Tansa Main and other Auxiliary Works. | 70,00,000 | 9th Sept. 1913, 22nd July 1914 and 10th April 1915. | ¶ .. ... | 78,148 | 1st June 1915 ... | 25,99,516 |
| 20 Lakhs Loan for Street Improvements | 20,00,000 | 9th Sept. 1913 and 24th Sept. 1915. | 1st May 1935 ... | 26,524 | 1st May 1916 .. | 8,32,223 |
| 43 Lakhs Loan for Drainage, Water and Miscellaneous Works. | 43,00,000 | 1st Aug. and 24th Sept. 1915. | 1st May 1945 ... | 90,382 | 1st May 1916 .. | 28,35,867 |
| | | | | | | 1,61,77,839 |
| *3½ per cent. Municipal Loans (3 per cent. basis.)* | | | | | | |
| 9 Lakhs Loan (1935-36). | 9,00,000 | 31st Jan. 1936. | 14th March 1966 .. | 18,917 | 14th March 1937 .. | 38,458 |
| *3 per cent. Municipal Loans (3 per cent. basis).* | | | | | | |
| 24½ Lakhs Loan (1936-37). | 18,50,000<br>6,00,000 | 1st Nov. 1936.<br>1st June 1937. | 1st February 1967 .. | 51,498 | 1st February1938 .. | 51,755 |
| | | | | | Total Rs. ... | 3,26,12,998 |

| | Amount actually invested upto 31st March 1938. | | | | Amount of Interest accrued upto 31st March 1938, collected and invested in 1938-39. | Total of Columns 5 and 6. |
|---|---|---|---|---|---|---|
| | Amount of Sinking Fund invested upto 31st March 1937. | Sinking Fund Instalments paid in 1937-38. | Interest, &c. accumulations invested in 1937-38. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Sinking Funds ... ... ... | Rs. a. p.<br>2,74,05,127 10 4 | Rs. a. p.<br>15,23,460 0 0 | Rs. a. p.<br>12,30,828 13 0 | Rs. a. p.<br>3,01,59,416 7 4 | Rs. a. p. | Rs. a. p. |
| *Deduct*—Withdrawn for repayment of Loans ... | | | | * 6,088 3 0 | | |
| Total Sinking Funds ... | | | | 3,01,53,328 4 4 | | |
| In Public Securities as detailed in Appendix No. 16-A ... | | | | 3,01,53,221 3 2 | | |
| In Cash with the Imperial Bank of India ... ... ... ... | | | | 107 1 2 | | |
| Total ... | | | | § 3,01,53,328 4 4 | 3,86,894 10 4 | 3,05,40,222 14 8 |

¶ Rs. 49,40,000 repayable on 1st June 1954.
,, 20,60,000 ,, ,, 1st June 1974.
Rs. 70,00,000

* The amount met from the Net Premia Fund on account of repayment of Loans representing the difference between the market value and book value of the securities withdrawn from the Sinking Fund is Rs. 911-13-0.

§ The market value of the securities on 31st March 1938 is Rs. 3,28,56,229-3-6, as shown in Appendix No. 16-A and after adding the cash balance of Rs. 107-1-2 and the interest accrued upto 31st March 1938 on these securities of Rs. 3,86,894-10-4 the total amount of Sinking Fund is Rs. 3,32,43,230-15-0.

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

STATEMENT showing Outstanding Loans due by the Municipality, the interest outstanding on 1st Imperial Bank of India and in office during that year

| No. | Particulars of Loans. | Rate of Interest. | Balance due on 1st April 1937. | Amount raised in 1937-38. | Total. | Amount re-paid in 1937-38. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | **Loans raised from Government.** | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1 | Vehar Water Works Debt .. .. | 4 per cent. .. | 13,29,694 11 9 | | A 13,29,694 11 9 | 61,991 10 0 |
| 2 | Conversion Loan for the repayment of Rs. 125 Lakhs taken from Government out of the 6½% Bombay Development Loan .. .. | 3½ per cent. .. | 78,30,596 8 0 | | B 78,30,596 8 0 | 4,50,586 10 0 |
| 3 | 2nd Instalment out of the Loan of Rs. 1½ crores for Water Works, Roads, Drainage and Sewerage, &c. .. .. | 5½ per cent. (inclusive of IncomeTax.) | 35,03,437 15 0 | | C 35,03,437 15 0 | 1,42,177 15 0 |
| | | 4¾ per cent. | 17,01,957 10 0 | | C 17,01,957 10 0 | 73,415 0 0 |
| 4 | 140 Lakhs Loan for General Supervision, Fire Brigade, &c., purposes .. .. | 5½ per cent. | 82,37,729 3 0 | | C 82,37,729 3 0 | 3,34,307 14 0 |
| | | 5¼ per cent. | 18,31,986 10 0 | | C 18,31,986 10 0 | 69,364 11 0 |
| 5 | 65 Lakhs Loan for Tansa Triplication Scheme. | 5¼ per cent. .. | 47,48,420 15 0 | | C 47,48,420 15 0 | 1,79,788 14 0 |
| 6 | 2½ Crores Loan for Water Works, General Supervision and Development, &c., purposes. | 5¼ per cent. | 79,08,661 3 0 | | C 79,08,661 3 0 | 2,99,445 5 0 |
| | | 5¼ per cent. | 92,96,805 15 0 | | D 92,96,805 15 0 | 3,52,064 11 0 |
| 7 | 2 Crores Loan for major Development Works.. | 5 per cent. | 96,83,894 9 0 | | C 96,83,894 9 0 | 3,44,226 4 0 |
| | | 5 per cent. | 17,67,183 1 0 | | D 17,67,183 1 0 | 62,816 14 0 |
| | | 5¼ per cent. | 39,90,167 10 0 | | C 39,90,167 10 0 | 1,27,442 3 0 |
| 8 | 150 Lakhs Loan (1925-26) .. .. | 5¼ per cent. | 31,92,141 3 0 | | C 31,92,141 3 0 | 1,01,954 9 0 |
| | | 5 per cent. | 24,32,057 13 0 | | C 24,32,057 13 0 | 73,551 2 0 |
| | | 5 per cent. | 32,42,735 6 0 | | C 32,42,735 6 0 | 98,069 4 0 |
| | | 3¾ per cent. | 33,08,471 15 0 | | C 33,08,471 15 0 | 1,06,362 5 0 |
| | Total Loans raised from Government .. Rs. | | 7,40,05,942 3 9 | .... | 7,40,05,942 3 9 | 28,77,415 3 0 |
| | **Loans raised from the Public.** | | | | | |
| 1 | Loan of Rs. 10,08,500 for markets and other Miscellaneous Works .. .. .. | 5 per cent. .. | .... | | .... | .... |
| 2 | Loan for House Sullage Water Connections, Agripada .. .. .. .. .. | 5 per cent. .. | .... | | .... | .... |
| 3 | 35 Lakhs Loan for various Sanitary Works .. | 5 per cent. .. | .... | | .... | .... |
| 4 | The Tansa Water Works Loan (Rs. 147 Lakhs). | 5 per cent. .. | 92,21,000 0 0 | | 92,21,000 0 0 | .... |
| 5 | The Loan of 23¼ Lakhs for Drainage and other Works .. .. .. | 4 per cent. .. | 8,000 0 0 | | 8,000 0 0 | 1,000 0 0 |
| 6 | The 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 lakhs) .. .. .. | 3½ per cent. .. | 7,000 0 0 | | 7,000 0 0 | 6,000 0 0 |
| 7 | Do. do. (2nd instalment of Rs. 5¾ Lakhs) .. | 4 per cent. .. | | | | |
| | Carried over .. Rs. | | 92,36,000 0 0 | .... | 92,36,000 0 0 | 7,000 0 0 |
| | Carried over ... Rs. | | 7,40,05,942 3 9 | .... | 7,40,05,942 3 9 | 28,77,415 3 0 |

A.—The loan is payable in monthly instalments of Rs. 9,498 (Principal and Interest) out of Revenue. No Sinking Fund has been created for this loan.

B.—This loan is repayable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loan within a period of 15 years. No Sinking Fund has been created for this loan.

C.—These loans are repayable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 30 years. No Sinking Fund has been created for these loans.

D.—These loans are raised for development purposes. The programmes of repayment have been approved under Corporation Resolutions Nos. 5253 of 11th September 1928 and 81 of 3rd May 1934.

## No. 11.

April 1937 on the different Loans, the amount payable for the year 1937-38, the amount paid by the and the balances outstanding on 31st March 1938.

| Balance due on 31st March 1938. | Interest outstanding on 1st April 1937. | Interest payable in 1937-38. | Total Interest due. | Deduct—Interest paid by the Imperial Bank of India and in office. | Outstanding Balance on 31st March 1938. |
|---|---|---|---|---|---|
| 8 | 9 | 10 | 11 | 12 | 13 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 12,67,793 1 9 | | 52,074 6 0 | 52,074 6 0 | 52,074 6 0 | .... |
| 73,80,009 14 0 | | 2,54,494 6 0 | 2,54,494 6 0 | 2,54,494 6 0 | .... |
| 33,61,260 0 0 | | 1,92,689 1 0 | 1,92,689 1 0 | 1,92,689 1 0 | .... |
| 16,28,542 10 0 | | 80,843 0 0 | 80,843 0 0 | 80,843 0 0 | ..... |
| 79,03,421 5 0 | | 4,53,075 2 0 | 4,53,075 2 0 | 4,53,075 2 0 | .... |
| 17,62,621 15 0 | | 96,179 5 0 | 96,179 5 0 | 96,179 5 0 | .... |
| 45,68,632 1 0 | | 2,49,292 2 0 | 2,49,292 2 0 | 2,49,292 2 0 | .... |
| 76,09,215 14 0 | | 4,15,204 11 0 | 4,15,204 11 0 | 4,15,204 11 0 | .... |
| 89,44,801 4 0 | | 4,88,082 5 0 | 4,88,082 5 0 | 4,88,082 5 0 | .... |
| 93,39,668 5 0 | | 4,84,194 12 0 | 4,84,194 12 0 | 4,84,194 12 0 | .... |
| 17,04,366 3 0 | | 88,359 2 0 | 88,359 2 0 | 88,359 2 0 | .... |
| 38,62,725 7 0 | | 2,09,483 13 0 | 2,09,483 13 0 | 2,09,483 13 0 | .... |
| 30,90,186 10 0 | | 1,67,587 7 0 | 1,67,587 7 0 | 1,67,587 7 0 | .... |
| 23,58,506 11 0 | | 1,21,602 14 0 | 1,21,602 14 0 | 1,21,602 14 0 | .... |
| 31,44,666 2 0 | | 1,62,136 12 0 | 1,62,136 12 0 | 1,62,136 12 0 | .... |
| 32,02,109 10 0 | | 1,24,067 11 0 | 1,24,067 11 0 | 1,24,067 11 0 | .... |
| 7,11,28,527 0 9 | | 36,39,366 13 0 | 36,39,366 13 0 | 36,39,366 13 0 | .... |
| .... | .... | G 115 8 0 | 115 8 0 | 25 0 0 | 90 8 0 |
| .... | .... | G 117 14 0 | 117 14 0 | 50 0 0 | 67 14 0 |
| .... | .... | G 252 0 0 | 252 0 0 | 150 0 0 | 102 0 0 |
| *E* 92,21,000 0 0 | 14,290 10 1 | 4,60,425 0 0 | 4,74,715 10 1 | 4,60,190 13 0 | 14,524 13 1 |
| *F* 7,000 0 0 | 2,947 5 0 | .... | 2,947 5 0 | 20 0 0 | 2,927 5 0 |
| *F* 1,000 0 0 | 290 0 0 | .... | 290 0 0 | 230 0 0 | 60 0 0 |
| 92,29,000 0 0 | 17,527 15 1 | 4,60,910 6 0 | 4,78,438 5 1 | 4,60,665 13 0 | 17,772 8 1 |
| 7,11,28,527 0 9 | .... | 36,39,366 13 0 | 36,39,366 13 0 | 36,39,366 13 0 | .... |

E—As under the terms of this loan, the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10. The balance includes debentures of the face value of Rs. 12 500 due on 1st January 1933 which have remained unpaid owing to their not having been surrendered for repayment up to 31st March 1938. The debentures do not carry interest from and after the due date and will be paid when surrendered for repayment by the holders out of the Sinking Fund Investments.

F—Debentures in respect of these loans have remained unpaid owing to their not having been surrendered for repayment up to 31st March 1938. The debentures do not carry interest from and after the due dates and will be paid when surrendered for repayment by the holders out of the Sinking Fund Investments.

G—Debentures of the face value of Rs. 3,500 due 1-10-1928, 1-7-1929 and 1-7-1930 were not presented by the holder within six years from the dates of maturity and the amount thereof was credited to revenue as the claim had become time-barred. As the holder claimed the amount in the current year it was paid out of Revenue. The amount of interest represents unpaid interest on these debentures.

# Appendix

| No. | Particulars of Loans. | Rate of Interest. | Balance due on 1st April 1937. | Amount raised in 1937-38. | Total. | Amount re-paid in 1937-38. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Brought forward Rs. .. | | Rs. a. p. 7,40,05,942 3 9 | Rs. a. p. .... | Rs. a. p. 7,40,05,942 3 9 | Rs. a. p. 28,77,415 3 0 |
| | Brought forward Rs. .. | | 92,36,000 0 0 | | 92,36,000 0 0 | 7,000 0 0 |
| | **Loans raised from the Public**—*contd.* | | | | | |
| 9 | 25 Lakhs Loan for Sewerage, Water and other Sanitary Works .. .. | 4 per cent. .. | 25,00,000 0 0 | | 25,00,000 0 0 | (a) .... |
| 10 | 19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works .. .. | 4 per cent. .. | 19,25,000 0 0 | | 19,25,000 0 0 | (a) .... |
| 11 | 24¾ Lakhs Loan for certain Sewerage and Water Works .. .. .. | 4 per cent. .. | 24,75,000 0 0 | | 24,75,000 0 0 | (a) .... |
| 12 | 12¾ Lakhs Loan for certain Water Works .. | 4 per cent. .. | .... | | .... | .... |
| 13 | The 2nd 24¾ Lakhs Loan for certain Sewerage Works .. .. .. | 4 per cent. .. | 24,75,000 0 0 | | 24,75,000 0 0 | (a) .... |
| 14 | 13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries .. | 4 per cent. .. | 13,50,000 0 0 | | 13,50,000 0 0 | (a) .... |
| 15 | The 15 Lakhs Loan for Street Improvements. | 4 per cent. .. | 15,00,000 0 0 | | 15,00,000 0 0 | (a) .... |
| 16 | The 30 Lakhs Loan for the acquisition of sites for the construction of Overbridges .. | 4 per cent. .. | 30,00,000 0 0 | | 30,00,000 0 0 | (a) .... |
| 17 | The 55 Lakhs Loan for Drainage, Sanitary, Water and other Miscellaneous Works .. | 4 per cent. .. | 55,00,000 0 0 | | 55,00,000 0 0 | (a) .... |
| 18 | The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works .. | 4 per cent. .. | 70,00,000 0 0 | | 70,00,000 0 0 | (a) .... |
| 19 | The 20 Lakhs Loan for Street Improvements. | 4 per cent. .. | 20,00,000 0 0 | | 20,00,000 0 0 | (a) .... |
| 20 | The 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works .. .. | 4 per cent. .. | 43,00,000 0 0 | | 43,00,000 0 0 | (a) .... |
| 21 | The 10 Lakhs Loan for the Conversion of the Storm Water Reservoir at Clerk Road into a Public Park .. .. .. | 5 per cent. .. | 10,00,000 0 0 | | 10,00,000 0 0 | (a) .... |
| 22 | The 30 Lakhs Loan for the construction of Building and Drainage Works and the acquisition of Land for different purposes .. | 4 per cent. .. | 30,00,000 0 0 | | 30,00,000 0 0 | (a) .... |
| 23 | 160 Lakhs Loan for the improvement of the Water Supply in Bombay (First Issue) .. | 6 per cent. .. | 67,77,000 0 0 | | 67,77,000 0 0 | (a) .... |
| 24 | Do. do. (Second Issue) .. | 6 per cent. .. | 92,23,000 0 0 | | 92,23,000 0 0 | (a) .... |
| 25 | Rs. 25 Lakhs Loan (1927-28) .. .. | 5 per cent. .. | 25,00,000 0 0 | | 25,00,000 0 0 | (a) .... |
| 26 | Rs. 37 Lakhs Loan (1929-30) .. .. | 5 per cent. .. | 26,21,500 0 0 | | 26,21,500 0 0 | (a) .... |
| 27 | Rs. 31·43 Lakhs Loan for the repayment of Rs. 40 Lakhs Loan due 19th December 1929 | 5 per cent. .. | 26,14,000 0 0 | | 26,14,000 0 0 | (a) .... |
| 28 | Rs. 28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929 .. .. | 5 per cent. .. | 8,45,500 0 0 | | 8,45,500 0 0 | (a) .... |
| 29 | Rs. 40 Lakhs Loan (1950-60) .. .. | 6 per cent. .. | 40,00,000 0 0 | | 40,00,000 0 0 | (a) .... |
| 30 | Rs. 9 Lakhs Loan (1935-36) .. .. | 3½ per cent. .. | 9,00,000 0 0 | | 9,00,000 0 0 | (a) .... |
| 31 | Rs. 24½ Lakhs Loan (1936-37) .. .. | 3 per cent. .. | 18,50,000 0 0 | 6,00,000 0 0 | 24,50,000 0 0 | (a) .... |
| | Total Loans raised from the Public Rs. .. | | 7,85,92,000 0 0 | 6,00,000 0 0 | 7,91,92,000 0 0 | 7,000 0 0 |
| | **Advances from Special Funds.** | | | | | |
| 1 | Advance from Plant and Machinery Depreciation Fund .. .. .. | 5 per cent. .. | 7,54,265 3 0 | | 7,54,265 3 0 | 15,803 12 0 |
| 2 | Advance from Renewal of Road Surfaces Fund | 4½ per cent. .. | 7,32,188 3 0 | | 7,32,188 3 0 | 15,391 9 0 |
| 3 | Advance from Plant and Machinery Depreciation Fund .. .. .. | 4½ per cent. .. | 1,37,283 14 0 | | 1,37,283 14 0 | 2,886 4 0 |
| 4 | Do. do. do. do. .. | 4½ per cent. .. | 3,32,002 14 0 | | 3,32,002 14 0 | 6,546 14 0 |
| 5 | Advance from Municipal Fire and Accident Insurance Fund .. .. .. | 4 per cent. .. | 4,72,170 14 0 | | 4,72,170 14 0 | 10,028 3 0 |
| 6 | Advance from Fines Fund .. .. | 4 per cent. .. | 2,83,302 9 0 | | 2,83,302 9 0 | 6,016 14 0 |
| 7 | Advance from Renewal of Road Surfaces Fund | 4 per cent. .. | 2,89,088 1 0 | | 2,89,088 1 0 | 5,785 8 0 |
| 8 | Advance from Net premia Fund .. | 4 per cent. .. | 4,81,813 6 0 | | 4,81,813 6 0 | 9,642 8 0 |
| 9 | Advance from Net premia Fund .. | 4 per cent. .. | 3,62,421 0 0 | | 3,62,421 0 0 | 6,842 3 0 |
| 10 | Advance from Net Premia Fund for purchase of Plant and Machinery in 1936-37.. .. | 3 per cent. .. | 83,000 0 0 | | 83,000 0 0 | 4,118 0 0 |
| 11 | Advance from Land Sales Reserve Fund .. | 3 per cent. .. | .... | 18,75,000 0 0 | 18,75,000 0 0 | .... |
| 12 | Advance from Net Premia Fund for purchase of Plant and Machinery in 1937-38 .. .. | 3 per cent. .. | .... | 1,91,500 0 0 | 1,91,500 0 0 | .... |
| | Total Advances from Special Funds Rs. .. | | 39,27,536 0 0 | 20,66,500 0 0 | 59,94,036 0 0 | 83,061 11 0 |
| | GRAND TOTAL Rs. .. | | 15,65,25,478 3 9 | 26,66,500 0 0 | 15,91,91,978 3 9 | 29,67,476 14 0 |

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10.

M. R. TAMBE,
*Chief Accountant.*

## No. 11—*concluded.*

| Balance due on 31st March 1938. | Interest outstanding on 1st April 1937. | Interest payable in 1937-38. | Total Interest due. | Deduct—Interest paid by the Imperial Bank of India and in Office. | Outstanding Balance on 31st March 1938. |
|---|---|---|---|---|---|
| 8 | 9 | 10 | 11 | 12 | 13 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 7,11,28,527 0 9 | .... | 36,39,366 13 0 | 36,39,366 13 0 | 36,39,366 13 0 | .... |
| 92,29,000 0 0 | 17,527 15 1 | 4,60,910 6 0 | 4,78,438 5 1 | 4,60,665 13 0 | 17,772 8 1 |
| 25,00,000 0 0 | 2,840 12 0 | 1,00,000 0 0 | 1,02,840 12 0 | 98,720 0 0 | 4,120 12 0 |
| 19,25,000 0 0 | 7,587 1 4 | 77,000 0 0 | 84,587 1 4 | 79,239 6 0 | 5,347 11 4 |
| 24,75,000 0 0 | 3,049 14 8 | 99,000 0 0 | 1,02,049 14 8 | 99,104 13 0 | 2,945 1 8 |
| .... | 38 15 4 | .... | 38 15 4 | .... | 38 15 4 |
| 24,75,000 0 0 | 1,141 3 0 | 99,000 0 0 | 1,00,141 3 0 | 98,821 3 0 | 1,320 0 0 |
| 13,50,000 0 0 | 13,014 3 0 | 54,000 0 0 | 67,014 3 0 | 51,075 7 0 | 15,938 12 0 |
| 15,00,000 0 0 | 1,612 8 0 | 60,000 0 0 | 61,612 8 0 | 60,215 5 0 | 1,397 3 0 |
| 30,00,000 0 0 | 20,967 14 0 | 1,20,000 0 0 | 1,40,967 14 0 | 1,22,224 11 0 | 18,743 3 0 |
| 55,00,000 0 0 | .... | 2,20,000 0 0 | 2,20,000 0 0 | 2,20,000 0 0 | .... |
| 70,00,000 0 0 | 10,110 14 2 | 2,80,000 0 0 | 2,90,110 14 2 | 2,82,985 3 0 | 7,125 11 2 |
| 20,00,000 0 0 | 558 2 0 | 80,000 0 0 | 80,558 2 0 | 79,750 0 0 | 808 2 0 |
| 43,00,000 0 0 | .... | 1,72,000 0 0 | 1,72,000 0 0 | 1,72,000 0 0 | .... |
| 10,00,000 0 0 | .... | 50,000 0 0 | 50,000 0 0 | 50,000 0 0 | .... |
| 30,00,000 0 0 | .... | 1,20,000 0 0 | 1,20,000 0 0 | 1,20,000 0 0 | .... |
| 67,77,000 0 0 | 10,043 2 0 | 4,06,620 0 0 | 4,16,663 2 0 | 4,02,830 14 0 | 13,832 4 0 |
| 92,23,000 0 0 | 5,787 6 0 | 5,53,380 0 0 | 5,59,167 6 0 | 5,47,201 14 0 | 11,965 8 0 |
| 25,00,000 0 0 | .... | 1,25,000 0 0 | 1,25,000 0 0 | 1,25,000 0 0 | .... |
| 26,21,500 0 0 | 6,364 9 0 | 1,31,075 0 0 | 1,37,439 9 0 | 1,33,589 7 0 | 3,850 2 0 |
| 26,14,000 0 0 | 9,582 6 0 | 1,30,700 0 0 | 1,40,282 6 0 | 1,31,828 0 0 | 8,454 6 0 |
| 8,45,500 0 0 | 2,168 12 0 | 42,275 0 0 | 44,443 12 0 | 43,220 7 0 | 1,223 5 0 |
| 40,00,000 0 0 | 10,761 11 7 | 2,40,000 0 0 | 2,50,761 11 7 | 2,36,552 1 0 | 14,209 10 7 |
| 9,00,000 0 0 | 15,750 0 0 | 31,500 0 0 | 47,250 0 0 | 31,500 0 0 | 15,750 0 0 |
| 24,50,000 0 0 | .... | 70,500 0 0 | 70,500 0 0 | 67,500 0 0 | *3,000 0 0 |
| 7,91,85,000 0 0 | 1,38,907 5 2 | 37,22,960 6 0 | 38,61,867 11 2 | 37,14,024 8 0 | 1,44,843 3 2<br>*3,000 0 0 |
| 7,38,461 7 0 | .... | 37,713 4 0 | 37,713 4 0 | 37,713 4 0 | .... |
| 7,16,796 10 0 | .... | 32,948 7 0 | 32,948 7 0 | 32,948 7 0 | .... |
| 1,34,397 10 0 | .... | 6,177 12 0 | 6,177 12 0 | 6,177 12 0 | .... |
| 3,25,456 0 0 | .... | 14,940 2 0 | 14,940 2 0 | 14,940 2 0 | .... |
| 4,62,142 11 0 | .... | 18,886 13 0 | 18,886 13 0 | 18,886 13 0 | .... |
| 2,77,285 11 0 | .... | 11,332 2 0 | 11,332 2 0 | 11,332 2 0 | .... |
| 2,83,302 9 0 | .... | 11,563 8 0 | 11,563 8 0 | 11,563 8 0 | .... |
| 4,72,170 14 0 | .... | 19,272 8 0 | 19,272 8 0 | 19,272 8 0 | .... |
| 3,55,578 13 0 | .... | 14,496 13 0 | 14,496 13 0 | 14,496 13 0 | .... |
| 78,882 0 0 | .... | 4,827 0 0 | 4,827 0 0 | 2,490 0 0 | *2,337 0 0 |
| 18,75,000 0 0 | .... | 45,000 0 0 | 45,000 0 0 | 9,189 1 0 | *35,810 15 0 |
| 1,91,500 0 0 | .... | .... | .... | .... | .... |
| 59,10,974 5 0 | .... | 2,17,158 5 0 | 2,17,158 5 0 | 1,79,010 6 0 | *38,147 15 0 |
| 15,62,24,501 5 9 | 1,38,907 5 2 | 75,79,485 8 0 | 77,18,392 13 2 | 75,32,401 11 0 | 1,44,843 3 2<br>*41,147 15 0 |

* To be treated as savings.

133787

I. H. TAUNTON,
*Municipal Commissioner.*

## Appendix

## Water Works

Revenue Account for

| INCOME. | Rs. a. p. |
|---|---|
| Water Tax and other Miscellaneous Water Works Revenue—*vide* details in Appendix No. 3 ... ... | * 75,50,380 12 7 |
| This includes Rs. 38,79,494-3-0 being the amount of Water Tax by measurement, realised during 1937-38 as shown in the following Statement :— | |
| Total Rs. .. | 75,50,380 12 7 |

Net Revenue Account

| | Rs. a. p. |
|---|---|
| Surplus brought down | 63,90,730 0 6 |
| Carried forward Rs. .. | 63,90,730 0 6 |

STATEMENT showing the quantity of Water by meter supplied under different Sub-heads and the Water Tax by measurement realized at different rates for the uniform quantity of 1,000 gallons, as required by Corporation Resolution No. 6570 of 15th February 1912.

| PARTICULARS. | 1932-33. | | 1933-34. | | 1934-35. | | 1935-36. | | 1936-37. | | 1937-38. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. |
| | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. |
| Hotels .. .. | 3,37,45,600 | @ As. 14<br>29,527 6 0 | 4,01,01,060 | @ As. 14<br>35,088 8 0 | 4,56,08,270 | @ As. 14.<br>39,907 4 0 | 4,52,78,400 | @ As. 14<br>39,754 11 0 | 4,67,84,680 | @ As. 14<br>40,457 4 0 | 4,14,49,960 | @ As. 14<br>36,268 11 0 |
| Cotton Factories .. | 1,53,72,68,995 | @ As. 10<br>9,61,525 0 0 | 1,36,50,11,650 | @ As. 10<br>8,53,122 10 0 | 1,29,71,16,360 | @ As. 10<br>8,18,694 10 0 | 1,66,21,35,173 | @ As. 10<br>10,43,252 11 0 | 1,72,79,39,860 | @ As. 10<br>10,80,897 8 0 | 2,07,76,63,590 | @ As. 10<br>12,98,539 14 0 |
| Flour Factories .. | 1,52,80,650 | @ As. 14<br>13,370 10 0 | 1,64,01,100 | @ As. 14<br>14,350 15 0 | 1,86,48,100 | @ As. 14<br>16,317 1 0 | 1,88,74,000 | @ As. 14<br>16,514 12 0 | 1,43,77,200 | @ As. 14<br>12,580 1 0 | 1,37,32,000 | @ As. 14<br>12,015 8 0 |
| Other Factories .. | 23,24,91,760 | @ As. 14<br>2,02,536 14 9 | 20,07,82,700 | @ As. 14<br>1,77,411 0 0 | 24,02,97,431 | @ As. 14<br>2,08,258 15 0 | 26,74,59,610 | @ As. 14<br>2,33,958 4 0 | 27,78,87,989 | @ As. 14<br>2,38,752 10 0 | 33,63,01,458 | @ As. 14<br>2,92,681 14 0 |
| Milch Cattle Stables .. | 22,46,31,410 | @ As. 10<br>1,41,574 10 0 | 20,45,67,490 | @ As. 10<br>1,27 854 13 0 | 20,14,28,454 | @ As. 10<br>1,25,892 14 0 | 26,20,41,405 | @ As. 10<br>1,64,061 7 9 | 22,23,56,557 | @ As. 10<br>1,39,262 12 0 | 21,60,41,300 | @ As .10<br>1,35,025 6 0 |
| Government Properties (*a*) .. | 53,01,38,100 | @ As. 10<br>3,31,336 5 0 | 54,90,49,360 | @ As. 10<br>3,43,155 14 0 | 52,26,02,994 | @ As. 10<br>3,26,627 4 0 | 53,61,06,400 | @ As. 10<br>3,35,066 8 0 | 55,75,86,940 | @ As. 10<br>3,48,492 0 0 | 56,91,44,270 | @ As. 10<br>3,55,715 2 0 |
| Railways .. .. | 60,09,09,000 | At different rates.<br>4,53,533 4 0 | 58,26,00,600 | At different rates.<br>4,52,377 4 0 | 50,45,83,310 | At different rates.<br>3,63,753 0 0 | 45,78,17,155 | At different rates.<br>3,04,235 1 0 | 69,05,69,662 | At different rates.<br>4,44,053 3 0 | 69,96,70,500 | At different rates.<br>4,37,294 2 0 |
| Port Trust .. .. | 42,79,42,100 | @ As. 14<br>3,74,449 5 0 | 43,79,46,000 | @ As. 14<br>3,83 202 15 0 | 46,93,79,900 | @ As. 14<br>4,10,707 5 0 | 49,79,29,465 | @ As. 14<br>4,35,688 1 0 | 46,08,32,878 | @ As. 14<br>4,02,985 4 0 | 46,38,43,300 | @ As. 14<br>4,05,862 14 0 |
| Suburbs (*b*) .. .. | 80,69,35,240 | At different rates.<br>3,27,542 11 0 | 83,59,82,630 | At different rates.<br>3,36,985 14 0 | 89,59,39,760 | At different rates.<br>3,32,089 14 0 | 85,74,35,132 | At different rates.<br>3,35,479 15 0 | 98,45,49,782 | At different rates.<br>3,82,340 11 0 | 1,01,64,91,580 | At different rates.<br>3,91,570 3 0 |
| Miscellaneous (*c*) . | 63,30,39,741 | At different rates.<br>4,33,506 2 4 | 64,41,81,305 | At different rates.<br>4,49,467 10 8 | 65,50,60,973 | At different rates.<br>5,07,004 9 8 | 74,02,44,026 | At different rates.<br>5,15,061 9 4 | 70,34,73,094 | At different rates.<br>4,89,092 6 0 | 73,61,16,833 | At different rates.<br>5,14,520 9 0 |
| Total .. | 5,04,23,82,596 | 32,68,902 4 1 | 4,87,66,23,895 | 31,73,017 7 8 | 4,85,06,65,552 | 31,49,252 12 8 | 5,34,53,20,766 | 34,23,073 0 1 | 5,68,63,58,642 | 35,78,913 11 0 | 6,17,04,54,791 | 38,79,494 3 0 |

(*a*) The rates charged are in accordance with the Water Rules for the respective years.
(*b*) The rate charged is Annas 8 to Annas 14 per 1,000 gallons.
(*c*) The rates charged vary from Annas 10 to Re. 1.

**No. 12.**

**Account.**

the year ended 31st March 1938.

| EXPENDITURE. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| General Superintendence ($\frac{1}{3}$th proportion of).. .. | 1,02,661 1 0 | | | |
| Assessment and Collection Charges ($\frac{3}{10}$th proportion of) .. | 1,48,162 6 0 | | | |
| Provident Fund, Pension, etc., charges .. .. | 77,024 12 0 | 3,27,848 3 0 | | |
| Maintenance of Water Works (*vide* Appendix No. 4) .. | 8,16,701 14 1 | | | |
| New Works (*vide* Appendix No. 4) .. .. | 15,100 11 0 | 8,31,802 9 1 | 11,59,650 12 1 | |
| Surplus carried down .. | | | 63,90,730 0 6 | |
| | | | | 75,50,380 12 7 |
| Total Rs. .. | | | | 75,50,380 12 7 |

for the year ended 31st March 1938.

| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| Interest on Water Works Loans (Debt)— | | | | |
| *Due to Government*— | | | | |
| Vehar Debt .. .. .. | 52,074 6 0 | | | |
| 1½ Crores Loan .. .. .. | 1,96,690 7 0 | | | |
| 65 Lakhs Loan for Tansa Triplication Scheme | 2,49,292 2 0 | | | |
| 2 Crores Loan for Major Development Works | 4,17,536 7 0 | | | |
| 2½ Crores Loan for General Supervision, Water Works, etc. .. .. .. | 6,021 7 0 | | | |
| 150 Lakhs Loan 1925-26 .. .. | 4,49,920 14 0 | | | |
| 82·67 Lakhs Conversion Loan .. .. | 1,21,755 5 0 | 14,93,291 0 0 | | |
| *Due to the Public*— | | | | |
| 147 Lakhs Tansa Water Works Loan .. .. | 4,60,190 13 0 | | | |
| 13½ Lakhs Loan .. .. .. | 27 0 0 | | | |
| 15¾ Lakhs Sewerage, Wari Bunder, etc., Works Loan | 25 8 0 | | | |
| 25 Lakhs Sewerage, etc., Works Loan .. | 9,146 0 0 | | | |
| 24¾ Lakhs Sewerage and Water Works Loan | 24,265 13 0 | | | |
| 55 Lakhs for Miscellaneous Works .. .. | 16,043 15 0 | | | |
| 70 Lakhs for Reduplication of the Tansa Main and other Auxiliary Works .. .. .. | 2,82,610 4 0 | | | |
| 43 Lakhs for Drainage, Water, Roads and Miscellaneous Works .. .. .. | 5,092 8 0 | | | |
| 160 Lakhs for Improvement of water supply in Bombay | 9,50,032 12 0 | | | |
| 25 Lakhs for construction of roads, miscellaneous works, &c. .. .. .. | 1,252 15 0 | | | |
| 31·43 Lakhs Loan .. .. .. | 32,958 0 0 | | | |
| 37 Lakhs Loan .. .. .. | 2,108 7 0 | | | |
| 40 Lakhs Loan .. .. .. | 7,820 1 0 | | | |
| 24½ Lakhs Loan (1936-37).. .. .. | 5,680 0 0 | 17,97,254 0 0 | | |
| *Advances from Special Funds*— | | | | |
| Rs. 8½ Lakhs advance from Plant and Machinery Depreciation Fund .. .. .. | 393 1 0 | | | |
| Rs. 3 Lakhs advance from Renewal of Road Surfaces Fund .. .. .. .. | 1,193 13 0 | | | |
| Rs 3·69 Lakhs advance from Net Premia Fund .. | 1,389 10 0 | | | |
| Rs. 83,000 advance from Net Premia Fund .. | 359 0 0 | | | |
| Rs. 18.75 Lakhs advance from Land Sales Reserve Fund .. .. .. .. | 2,056 1 0 | 5,391 9 0 | | |
| | | | 32,95,936 9 0 | |
| Interest accrued but not paid on Rs. 24½ Lakhs Loan .. | | | 988 0 0 | |
| Commission to the Imperial Bank of India for payment of Interest on the Water Works portion of the different Loans .. .. .. | | 6,905 2 0 | | |
| Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments .. .. | | 690 14 0 | | |
| | | | 7,596 0 0 | |
| Reduction of debt or investment of Sinking Fund of the following Water Works Loans :— | | | | |
| Vehar Debt .. .. .. .. .. | | 61,901 10 0 | | |
| Tansa Water Works Loan of Rs. 147 Lakhs .. .. .. | | 3,40,615 0 0 | | |
| Carried forward Rs. .. | | 4,02,516 10 0 | 33,04,520 9 0 | |

**Appendix**
**Water Works**
Net Revenue Account for

| | | Rs. a. p. |
|---|---|---|
| INCOME—*concld.* | | |
| | Brought forward Rs. .. | 63,90,730 0 6 |
| | Total Rs. — | 63,90,730 0 6 |

M. R. TAMBE,
*Chief Accountant.*

## No. 12—*concld.*

## Account.

the year ended 31st March 1938—*concld.*

| EXPENDITURE.—*concld.* | Rs. a. p | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| Brought forward Rs. | 4,02,516 10 0 | 33,04,520 9 0 | |
| 25 Lakhs Loan for Sewerage, etc., Works .. .. | 2,759 0 0 | | |
| 24¾ Lakhs Loan .. .. .. .. .. | 7,206 0 0 | | |
| 13½ „ „ .. .. .. .. .. | 15 0 0 | | |
| 55 „ „ .. .. .. .. .. | 8,870 0 0 | | |
| 70 Lakhs Loan for Reduplication of the Tansa Main and other Auxiliary Works .. .. .. .. | 78,045 0 0 | | |
| 43 „ „ for Drainage, Water, Roads and Miscellaneous Works .. | 2,676 0 0 | | |
| 1½ Crores Loan for Drainage, Water, etc., Works (2nd instalment) .. | 1,55,028 9 0 | | |
| 65 Lakhs Loan for Tansa Triplication Scheme .. .. | 1,79,788 14 0 | | |
| 2 Crores Loan for Major Development Works .. .. | 2,75,351 9 0 | | |
| 160 Lakhs Loan for the improvement of the water-supply in Bombay... | 2,85,280 0 0 | | |
| 2½ Crores Loan for General Supervision, Water Works, etc., purposes.. | 4,342 9 0 | | |
| 150 Lakhs Loan 1925-26 .. .. .. .. | 2,72,724 2 0 | | |
| 25 Lakhs Loan 1927-28 .. ... ... ... | 485 0 0 | | |
| 31-43 Lakhs Loan .. ... ... ... | 12,659 0 0 | | |
| 37 Lakhs Loan .. ... ... ... ... | 800 0 0 | | |
| 40 Lakhs Loan .. .. .. .. .. | 2,562 0 0 | | |
| 82.67 Lakhs Conversion Loan .. .. .. .. | 2,15,568 11 0 | | |
| 8½ Lakhs advance from Plant and Machinery Depreciation Fund .. | 164 15 0 | | |
| 3 „ „ „ Renewal of Road Surfaces Fund ... .. | 597 3 0 | | |
| 3.69 „ „ „ Net-Premia Fund .. .. .. | 655 6 0 | | |
| 83,000 Advance from Net-Premia Fund .. .. .. | 588 0 0 | | |
| 24½ Lakhs Loan (1936-37) .. .. .. .. | 4,156 0 0 | | |
| | | 19,12,839 8 0 | |
| | | | 52,17,360 1 0 |
| Surplus—Excess of Income over Expenditure .. .. | .. | | 11,73,369 15 6 |
| Total Rs. ... | | | 63,90,730 0 6 |

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

## WATER WORKS

SCHEDULE OF LIABILITIES AND

| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| LIABILITIES. | | | |
| I.—Debt Principal. | | | |
| **Due to Government—** | | | |
| Vehar Debt ... ... ... | 12,67,793 1 9 | | |
| 82·67 Lakhs Conversion Loan ... ... | 35,30,748 5 0 | | |
| 75 Lakhs out of 1½ Crores Loan ... ... | 35,88,049 6 0 | | |
| 2½ Crores Loan ... ... ... | 1,10,351 6 0 | | |
| 45 Lakhs Loan for Tansa Triplication Scheme ... ... | 45,68,632 1 0 | | |
| 2 Crores Loan for Major Development Works... ... | 78,75,867 12 0 | | |
| 150 Lakhs Loan (1925-26) ... ... ... | 85,66,085 5 0 | 2,95,07,527 4 9 | |
| **Due to the Public—** | | | |
| Tansa Water Works Loan of 147 Lakhs ... ... | 92,21,000 0 0 | | |
| Water Works portion of 13½ Lakhs Loan ... | 728 6 6 | | |
| Water Works portion of the 23¼ Lakhs Loan for Drainage and other Works ... ... ... | 721 0 0 | | |
| Water Works portion of the 25 Lakhs Loan for Sewerage, Roads and other Works ... ... ... | 2,31,652 1 8 | | |
| Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works ... ... | 6,06,035 2 9 | | |
| Water Works portion of the 55 Lakhs Loan for Miscellaneous Works ... ... ... | 4,01,097 12 2 | | |
| 70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works ... ... | 69,90,737 0 5 | | |
| Water Works portion of 43 Lakhs Loan for Miscellaneous Works ... ... ... | 1,27,313 3 6 | | |
| 160 Lakhs Loan for the improvement of the water-supply in Bombay ... ... ... | 1,60,00,000 0 0 | | |
| Water Works portion of the 25 Lakhs Loan (1927-28)... | 25,059 6 11 | | |
| Water Works portion of 31-43 Lakhs Loan ... | 6,53,500 0 0 | | |
| Water Works portion of 37 Lakhs Loan ... ... | 38,619 8 6 | | |
| Water Works portion of 40 Lakhs Loan (1928-29) ... | 1,32,250 0 0 | | |
| Water Works portion of 24½ Lakhs Loan (1936-37) ... | 1,95,708 0 0 | 3,46,24,421 10 5 | |
| **Advances from Special Funds—** | | | |
| Rs. 8½ Lakhs Advance from Plant and Machinery Depreciation Fund .. .. .. | 7,696 2 0 | | |
| Rs. 3 Lakhs Advance from Renewal of Road Surfaces Fund .. .. .. .. | 29,248 10 0 | | |
| Rs. 3·69 Lakhs Advance from Net Premia Fund .. | 34,086 10 0 | | |
| Rs. 83,000 Advance from Net Premia Fund for purchase of Plant and Machinery ... | 11,386 0 0 | 82,417 6 0 | 6,42,14,366 5 2 |
| II.—Sinking Funds on Municipal Loans (invested as per contra) ... ... ... | | | 1,31,84,530 0 0 |
| III.—Special Funds— | | | |
| Worn-out Water Mains Renewal Fund (invested as per contra) ... ... ... | | 85,277 13 8 | |
| Net Premia Fund (invested as per contra) ... | | 22,26,320 0 0 | 23,11,597 13 8 |
| IV.—Capital Account— | | | |
| General Reserve being Assets in excess of Liabilities ... ... ... | | | 3,21,04,999 15 2 |
| Total Rs. ... | | | 11,18,15,494 2 0 |

M. R. TAMBE,
*Chief Accountant.*

# No. 12A.

# ACCOUNT.

ASSETS AT 31ST MARCH 1938.

| ASSETS. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| **I.—Properties—** | | | |
| Water Works executed out of Loan, Surplus, and Reserve Funds (*vide* Appendix No. 8)— | | | |
| Out of Loan and Reserve Funds— | | | |
| Ordinary Works ... .. ... | 4,55,00,778 11 7 | | |
| Tansa Completion Works ... .. .. | 4,99,48,784 13 9 | 9,54,49,563 9 4 | |
| Works executed out of Worn-out Water Mains Renewal Fund ... ... ... | | 8,69,802 11 0 | |
| | | | 9,63,19,366 4 4 |
| **II.—Investments—** | | | |
| Imperial Bank of India—Municipal Loans Sinking Fund Deposit Account—(Water Works portion) ... ... .. | | 1,31,84,530 0 0 | |
| 2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 6) ... ... ... ... | | 85,277 13 8 | |
| 3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 6) ... .. | | 22,26,320 0 0 | 1,54,96,127 13 8 |
| TOTAL Rs. .. | | | 11,18,15,494 2 0 |

I. H. TAUNTON,
*Municipal Commissioner.*

**Appendix**

**Markets and Slaughter**

Revenue Account for the year

| INCOME. | Amount. Rs. a. p. |
|---|---|
| Income for the year—*Vide* details in Appendix No. 3 .. .. .. .. | 12,46,234 6 0 |
| Total Rs. .. | 12,46,234 6 0 |

Net Revenue Account for the year

| | Rs. a. p. |
|---|---|
| Surplus brought down .. | 8,34,882 11 9 |
| Total Rs. ... | 8,34,882 11 9 |

M. R. TAMBE,
*Chief Accountant*

## No. 13.

## Houses Account.

ended 31st March 1938.

| EXPENDITURE. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| General Superintendence (2½ per cent. proportion of) .. | 20,532 3 0 | | |
| Provident Fund and Pension, etc., charges .. .. | 24,245 7 0 | | |
| | | 44,777 10 0 | |
| Maintenance Charges of Markets and Slaughter Houses (*vide* Appendix No. 4)— | | | |
| Amount shown under IX.—Mechanical, D—Transport and E—Refrigerator .. .. .. .. .. | 75,820 0 11 | | |
| Amount shown under XIV.—Markets and Slaughter Houses ... | 2,87,831 0 4 | | |
| | | 3,63,651 1 3 | |
| New Works (*vide* Appendix No. 4) ... .. .. | | 2,922 15 0 | |
| | | | 4,11,351 10 3 |
| Surplus carried down ... | | | 8,34,882 11 9 |
| Total Rs. ... | | | 12,46,234 6 0 |

ended 31st March 1938.

| **Interest on Loans.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| Due to Government— | | | |
| Rs. 1½ Crores Loan ... ... ... | 3,027 1 0 | | |
| ,, 140 Lakhs ,, ... ... ... | 16,151 9 0 | | |
| ,, 2 Crores ,, ... ... ... | 31,644 15 0 | | |
| ,, 82-67 Lakhs Conversion Loan ... ... | 15,560 4 0 | | |
| | | 66,383 13 0 | |
| Due to Public— | | | |
| Rs. 25 Lakhs Loan 1927-28 ... ... ... | 11 12 0 | | |
| ,, 55 ,, ,, ... ... ... | 3,107 9 0 | | |
| ,, 43 ,, ,, ... ... ... | 2,320 0 0 | | |
| ,, 30 ,, ,, ... ... ... | 8,000 0 0 | | |
| ,, 37 ,, ,, ... ... ... | 4,841 0 0 | | |
| | | 18,280 5 0 | |
| Advance from Special Funds— | | | |
| Rs. 8½ Lakhs from Plant and Machinery Depreciation Fund. | | 2,048 2 0 | |
| | | | 86,712 4 0 |
| Commission to the Imperial Bank of India for the payment of interest on the portions of the different Loans... ... | | 85 4 0 | |
| Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ... ... ... | | 8 6 0 | |
| | | | 93 10 0 |
| **Reduction of debt or investment of Sinking Fund.** | | | |
| Rs. 43 Lakhs Loan ... ... ... | | 1,219 0 0 | |
| ,, 55 ,, ,, ... ... ... | | 1,718 0 0 | |
| ,, 30 ,, ,, ... ... ... | | 3,874 0 0 | |
| ,, 1½ Crores ,, ... ... ... | | 2,384 15 0 | |
| ,, 140 Lakhs ,, ... ... ... | | 11,871 7 0 | |
| ,, 25 ,, ,, ... ... ... | | 5 0 0 | |
| ,, 2 Crores ,, ... ... ... | | 22,497 1 0 | |
| ,, 37 Lakhs ,, ... ... ... | | 1,840 0 0 | |
| ,, 82-67 ,, Conversion Loan ... ... | | 27,551 12 0 | |
| ,, 8½ Lakhs advance from Plant and Machinery Depreciation Fund ... ... | | 859 14 0 | |
| | | | 73,821 1 0 |
| | | | 1,60,626 15 0 |
| Surplus—Excess of Income over Expenditure ... | | | 6,74,255 12 9 |
| Total Rs. .. | | | 8,34,882 11 9 |

I. H. TAUNTON,
*Municipal Commissioner.*

## Appendix No. 14.

### MUNICIPAL PRINTING PRESS.

*Income and Expenditure for the year* 1937-38.

| Expenditure. | Details. | Amount. | Income. | Amount. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | | Rs. a. p. |
| Materials on hand and works in progress on 1st April 1937. | | 6,030 3 0 | | |
| Expenditure during the year— | | | | |
| Establishment— | | | | |
| (*a*) Permanent .. .. .. 3,024 6 0 | | | | |
| (*b*) Allowances .. .. .. 168 0 0 | | | | |
| | 3,192 6 0 | | | |
| Labour .. .. .. .. .. .. | 22,007 15 0 | | | |
| Materials .. .. .. .. .. .. | 46,622 3 0 | | Amount chargeable to the departments for work done .. .. | 78,902 14 0 |
| Electric Power .. .. .. .. .. | 853 2 0 | | | |
| Contingencies— | | | | |
| (*a*) Contingencies .. .. .. 3,793 7 0 | | | | |
| (*b*) Books and Dead Stock .. 1,959 8 0 | | | | |
| | 5,752 15 0 | | | |
| Depreciation .. .. .. .. .. | 1,253 0 0 | | | |
| Repairs to Machinery .. .. .. .. | 57 0 0 | | | |
| Proportionate Share of T. A. O'.s Salary .. .. | 1,993 7 0 | | | |
| | | 81,732 0 0 | ,, ,, private parties for work done .. .. | 400 7 0 |
| *Deduct.* | | | | |
| Work in progress .. .. .. | 6,244 12 0 | 87,762 3 0 | | |
| Materials on hand .. .. .. | 4,346 15 0 | | | |
| Expenditure pertaining to the year 1938-39 incurred in March 1938 .. .. .. .. | 427 1 0 | | | |
| | | 11,018 12 0 | | |
| | | *76,743 7 0 | | |
| Surplus for the year to be transferred to Revenue .. | | 2,559 14 0 | | |
| | | 79,303 5 0 | | 79,303 5 0 |

* Exclusive of rent charges for premises occupied by the Municipal Printing Press.

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 14-A.

Statement of Advance Accounts for 1937-38.

*Dr.* | *Cr.*

| Opening Balance on 1st April 1937. | Debits during 1937-38. | Closing Balance on 31st March 1938. | Total. | Name of Account. | Opening Balance on 1st April 1937. | Credits during 1937-38. | Closing Balance on 31st March 1938. | Total. |
|---|---|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | | | | *Departmental Works.* | | | | |
| 478 13 4 | 22,860 15 0 | .... | 23,339 12 4 | Water Works .. .. | .... | 21,309 5 0 | 2,030 7 4 | 23,339 12 4 |
| 6,539 14 3 | 81,732 0 0 | .... | 88,271 14 3 | Printing Press .. .. | .... | 75,373 9 3 | (*a*) 12,898 5 0 | 88,271 14 3 |
| 15,162 10 0 | 2,85,017 7 3 | .... | 3,00,180 1 3 | Workshops .. .. | .... | 2,71,729 3 3 | 28,450 14 0 | 3,00,180 1 3 |
| 144 8 0 | 18,282 8 3 | .. .. | 18,427 0 3 | Architectural Branch .. .. | .... | 17,946 12 3 | 480 4 0 | 18,427 0 3 |
| 1,854 5 0 | 7,88,270 8 4 | .... | 7,90,124 13 4 | Roads, Buildings and Drainage .. | .... | 7,48,056 2 4 | 42,068 11 0 | 7,90,124 13 4 |
| 24,180 2 7 | 11,96,163 6 10 | .... | 12,20,343 9 5 | Total .. | .... | 11,34,415 0 1 | 85,928 9 4 | 12,20,343 9 5 |
| | | | | *Private Works.* | | | | |
| 48 9 0 | 1,786 7 0 | .... | 1,835 0 0 | Workshops .. .. | .... | 1,399 14 0 | 435 2 0 | 1,835 0 0 |
| 6,844 15 11 | 28,967 3 2 | .... | 35,812 3 1 | Water Works .. .. | .... | 25,239 6 1 | 10,572 13 0 | 35,812 3 1 |
| 41,098 4 0 | 1,77,856 13 8 | .... | 2,18,955 1 8 | Roads, Buildings and Drainage .. | .... | 1,77,015 10 8 | 41,939 7 0 | 2,18,955 1 8 |
| 88 0 0 | 3,682 13 0 | .... | 3,770 13 0 | Architectural Branch .. .. | .... | 1,840 1 0 | 1,930 12 0 | 3,770 13 0 |
| 614 15 7 | 886 13 3 | .... | 1,501 12 10 | Health Department .. .. | .... | 1,035 8 3 | 466 4 7 | 1,501 12 10 |
| ... | 392 10 0 | .... | 392 10 0 | Printing Press .. .. | .... | 119 7 0 | 273 3 0 | 392 10 0 |
| 48,694 12 6 | 2,13,572 12 1 | .... | 2,62,267 8 7 | Total .. | ... | 2,06,649 15 0 | 55,617 9 7 | 2,62,267 8 7 |
| 72,874 15 1 | 14,09,736 2 11 | .... | 14,82,611 2 0 | Carried forward .. | .... | 13,41,064 15 1 | 1,41,546 2 11 | 14,82,611 2 0 |

(*a*)

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Works in progress .. .. | 6,244 12 0 | |
| Materials on hand .. .. | 4,346 15 0 | |
| Outstanding bills .. .. | 1,879 9 0 | |
| | | Rs. 12,471 4 0 |
| Expenditure pertaining to the year 1938-39, incurred in March 1938. .. .. | | 427 1 0 |
| Total .. .. | | 12,898 5 0 |

## Appendix No. 14-A—*continued.*

Statement of Advance Accounts for 1937-38.

| *Dr.* Opening Balance on 1st April 1937. | Debits during 1937-38. | Closing Balance on 31st March 1938. | Total. | Name of Account. | *Cr.* Opening Balance on 1st April 1937. | Credits during 1937-38. | Closing Balance on 31st March 1938. | Total. |
|---|---|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 72,874 15 1 | 14,09,736 2 11 | .... | 14,82,611 2 0 | Brought over .. | .... | 13,41,064 15 1 | 1,41,546 2 11 | 14,82,611 2 0 |
| | | | | *Asphalt Plant, Crushers, etc.* | | | | |
| 25,515 4 4 | 1,75,061 0 6 | .... | 2,00,576 4 10 | Asphalt Plant .. .. | .... | 1,20,656 12 4 | (*a*) 79,919 8 6 | 2,00,576 4 10 |
| 10,081 3 2 | 57,910 12 0 | .... | 67,991 15 2 | Sewri Crushers .. .. | .... | 66,851 0 2 | (*b*) 1,140 15 0 | 67,991 15 2 |
| .... | 97,123 10 6 | .... | 97,123 10 6 | Mechanical Transport .. .. | 3,401 13 7 | 93,416 12 11 | (*c*) 305 0 0 | 97,123 10 6 |
| 15,331 13 8 | 58,072 8 7 | .... | 73,404 6 3 | Love Grove Crushers .. .. | .... | 72,247 7 3 | (*d*) 1,156 15 0 | 73,404 6 3 |
| 50,928 5 2 | 3,88,167 15 7 | .... | 4,39,096 4 9 | Total .. | 3,401 13 7 | 3,53,172 0 8 | 82,522 6 6 | 4,39,096 4 9 |
| | | | | *Municipal Officers.* | | | | |
| .... | 3,95,269 1 8 | .... | 3,95,269 1 8 | Dishonoured cheques .. .. | .... | 3,95,269 1 8 | .... | 3,95,269 1 8 |
| 18,711 9 6 | 480 0 0 | .... | 19,191 9 6 | Standing advance for Contingent Expenses. | .... | 75 0 0 | 19,116 9 6 | 19,191 9 6 |
| 10,343 0 0 | 10,000 0 0 | .... | 20,343 0 0 | Motor Cars and motor cycles to officers. | .... | 9,081 4 0 | 11,261 12 0 | 20,343 0 0 |
| 140 0 0 | .... | .... | 140 0 0 | Cycle advances to subordinates .. | .... | 120 0 0 | 20 0 0 | 140 0 0 |
| 29,194 9 6 | 4,05,749 1 8 | .... | 4,34,943 11 2 | Total .. | .... | 4,04,545 5 8 | 30,398 5 6 | 4,34,943 11 2 |
| 1,52,997 13 9 | 22,03,653 4 2 | .... | 23,56,651 1 11 | Carried over .. | 3,401 13 7 | 20,98,782 5 5 | 2,54,466 14 11 | 23,56,651 1 11 |

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| (*a*) Stock on hand .. .. .. | 81,150 7 0 | |
| Outstanding bills .. .. .. | 7,899 12 0 | |
| | | 89,050 3 0 |
| *Deduct*—Profit for 1937-38 to be adjusted in 1938-1939 .. | | 9,130 10 6 |
| | | 79,919 8 6 |
| (*b*) Stock on hand .. .. .. .. | | 1,140 15 0 |

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| (*c*) Outstanding bills .. .. | 150 10 0 | |
| Stores Abstract for March 1938 .. .. | 154 6 0 | |
| | | 305 0 0 |
| (*d*) Stock on hand .. .. .. | 815 15 0 | |
| Outstanding bills .. .. .. | 341 0 0 | |
| | | 1,156 15 0 |

## Appendix No. 14-A—*concluded.*

*Dr.* Statement of Advance Accounts for 1937-38. *Cr.*

| Opening Balance on 1st April 1937. | Debits during 1937-38. | Closing Balance on 31st March 1938. | Total. | Name of Account. | Opening Balance on 1st April 1937. | Credits during 1937-38. | Closing Balance on 31st March 1938. | Total. |
|---|---|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1.52,997 13 9 | 22,03,653 4 2 | .... | 23,56,651 1 11 | Brought over .. | 3,401 13 7 | 20,98,782 5 5 | 2,54,466 14 11 | 23,56,651 1 11 |
| 61,520 4 9 | 70,563 10 7 | .... | 1,32,083 15 4 | Miscellaneous Advances .. | .... | 69,598 15 3 | † 62,485 0 1 | 1,32,083 15 4 |
| 72,999 8 10 | 49 6 0 | .... | 73,048 14 10 | Improvement Schemes .. | .... | 6,469 5 6 | § 66,579 9 4 | 73,048 14 10 |
| 1,34,519 13 7 | 70,613 0 7 | .... | 2,05,132 14 2 | Total .. | .... | 76,068 4 9 | 1,29,064 9 5 | 2,05,132 14 2 |
| 384 1 0 | 6,795 12 9 | .... | 7,179 13 9 | Municipal Contractors .. | .... | 6,940 10 0 | 239 3 9 | 7,179 13 9 |
| .... | 2,523 6 0 | .... | 2,523 6 0 | „ Tenderers .. .. | .... | 2,523 6 0 | .... | 2,523 6 0 |
| 2,019 13 0 | 17,967 13 0 | .... | 19,987 10 0 | Purchase of Coal .. .. | .... | 15,523 4 0 | 4,464 6 0 | 19,987 10 0 |
| 6,963 5 6 | 1,70,167 4 0 | .... | 1,77,130 9 6 | „ of Petrol .. .. | .... | 1,66,727 9 6 | 10,403 0 0 | 1,77,130 9 6 |
| 2,96,884 14 10 | 24,71,720 8 6 | .... | 27,68,605 7 4 | Grand Total .. | 3,401 13 7 | 23,66,565 7 8 | 3,98,638 2 1 | 27,68,605 7 4 |

† Includes Rs. 20,000 on account of Municipal Contribution to the Schools Committee for maintaining the minimum Cash Balance as required under Bye-law No. 10 relating to the Schools Committee.

§ Advances to Solicitors Rs. 2,505 3 0
„ for Court costs „ 56,262 7 3
„ for Municipal Taxes „ 6,985 11 0
Other misc. items „ 826 4 1
Rs. 66,579 9 4

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 14-B.

Statement showing advances out of Special Funds during 1937-38.

*Dr.* *Cr.*

| Opening Balance on 1st April 1937. | Debits during 1937-38. | Total. | Name of Account. | Credits during 1937-38. | Closing Balance on 31st March 1938. | Total. |
|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | | | Charges met out of— | | | |
| .... | 3,823 3 0 | 3,823 3 0 | Municipal Fire and Accident Insurance Fund. | 3,823 3 0 | .... | 3,823 3 0 |
| .... | 43,703 7 11 | 43,703 7 11 | Fines Fund .. .. .. | 38,703 7 11 | 5,000 0 0 | 43,703 7 11 |
| .... | 1,250 0 3 | 1,250 0 3 | Garden Fund .. .. .. | 1,250 0 3 | .... | 1,250 0 3 |
| .... | 429 5 9 | 429 5 9 | Hospital Fund .. .. .. | 429 5 9 | .... | 429 5 9 |
| .... | 388 14 0 | 388 14 0 | G. S. M. College & K. E. M. Hospital Research Fund .. .. .. .. | 388 14 0 | .... | 388 14 0 |
| | | | Advance from Plant and Machinery Depreciation Fund for— | | | |
| 1,61,745 14 0 | 7,771 12 0 | 1,69,517 10 0 | Purchase of Machinery, etc., pending adjustment against the provisions for depreciation in subsequent years .. | 29,450 14 0 | 1,40,066 12 0 | 1,69,517 10 0 |
| 38,389 15 3 | 25,601 11 4 | 63,991 10 7 | Levelling, metalling, etc., Private Streets .. | 16,415 15 0 | 47,575 11 7 | 63,991 10 7 |
| .... | 5,35,000 0 0 | 5,35,000 0 0 | Advance from Net Premia Fund for meeting claim of B. P. Trust for refund of excess amount of General Tax .. .. .. | .... | 5,35,000 0 0 | 5,35,000 0 0 |
| | | | Advances for Capital Works from— | | | |
| 4,72,170 14 0 | .... | 4,72,170 14 0 | Municipal Fire and Accident Insurance Fund .. .. .. | 10,028 3 0 | 4,62,142 11 0 | 4,72,170 14 0 |
| 2,83,302 9 0 | .... | 2,83,302 9 0 | Fines Fund .. .. .. | 6,016 14 0 | 2,77,285 11 0 | 2,83,302 9 0 |
| 12,23,551 15 0 | .... | 12,23,551 15 0 | Plant and Machinery Depreciation Fund. | 25,236 14 0 | 11,98,315 1 0 | 12,23,551 15 0 |
| 10,21,276 4 0 | .... | 10,21,276 4 0 | Renewal of Road Surfaces Fund .. | 21,177 1 0 | 10,00,099 3 0 | 10,21,276 4 0 |
| 9,27,234 6 0 | 1,91,500 0 0 | 11,18,734 6 0 | Net Premia Fund .. .. | 20,602 11 0 | 10,98,131 11 0 | 11,18,734 6 0 |
| .... | 18,75,000 0 0 | 18,75,000 0 0 | Land Sales Reserve Fund .. .. | .... | 18,75,000 0 0 | 18,75,000 0 0 |
| 41,27,671 13 3 | 26,84,468 6 3 | 68,12,140 3 6 | Total .. | 1,73,523 6 11 | 66,38,616 12 7 | 68,12,140 3 6 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

## Appendix No. 14-C.

*Dr.* Statement of Deposit Accounts for 1937-38. *Cr.*

| Debits during 1937-38. | Closing Balance on 31st March 1938. | Total. | Name of Account. | Opening Balance on 1st April 1937. | Credits during 1937-38. | Total. |
|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | | | A.—Cash Deposits from Contractors, etc. :— | | | |
| 1,02,431 13 0 | 2,37,596 2 0 | 3,40,027 15 0 | (1) From Contractors .. .. | 1,46,963 12 0 | 1,93,064 3 0 | 3,40,027 15 0 |
| 7,23,217 0 0 | 1,62,166 0 0 | 8,85,383 0 0 | (2) „ Tenderers .. .. | 1,31,608 0 0 | 7,53,775 0 0 | 8,85,383 0 0 |
| 8,25,648 13 0 | 3,99,762 2 0 | 12,25,410 15 0 | Total .. | 2,78,571 12 0 | 9,46,839 3 0 | 12,25,410 15 0 |
| | | | B— Cash Deposits from private parties received through Departmental Officers.— | | | |
| 4,32,297 2 9 | 5,29,751 10 10 | 9,62,048 13 7 | 1. City Engineer .. .. | 5,30,461 4 9 | 4,31,587 8 10 | 9,62,048 13 7 |
| 1,14,249 11 0 | 1,21,441 9 2 | 2,35,691 4 2 | 2. Hydraulic Engineer .. .. | 88,834 8 8 | 1,46,856 11 6 | 2,35,691 4 2 |
| 8,36,781 2 7 | 2,64,548 11 10 | 11,01,329 14 5 | 3. Assessor and Collector .. .. | 1,93,400 2 7 | 9,07,929 11 10 | 11,01,329 14 5 |
| 17,132 5 7 | 6,766 1 6 | 23,898 7 1 | 4. Executive Health Officer .. .. | 8,990 12 1 | 14,907 11 0 | 23,898 7 1 |
| | | | 5. Estate Agent and Land Manager— | | | |
| 1,14,034 13 8 | 3,03,196 0 0 | 4,17,230 13 8 | I. Improvement Schemes .. .. | 2,97,911 8 7 | 1,19,319 5 1 | 4,17,230 13 8 |
| 3,63,446 7 8 | 5,84,710 3 6 | 9,48,156 11 2 | II. Municipal Properties .. .. | 4,82,243 7 5 | 4,65,913 3 9 | 9,48,156 11 2 |
| 1,24,833 3 9 | 65,574 5 2 | 1,90,407 8 11 | 6. Other Officers .. .. .. | 59,783 8 0 | 1,30,624 0 11 | 1,90,407 8 11 |
| 20,02,774 15 0 | 18,75,988 10 0 | 38,78,763 9 0 | Total .. | 16,61,625 4 1 | 22,17,138 4 11 | 38,78,763 9 0 |
| 28,28,423 12 0 | 22,75,750 12 0 | 51,04,174 8 0 | Carried forward Rs. .. | 19,40,197 0 1 | 31,63,977 7 11 | 51,04,174 8 0 |

## Appendix No. 14-C—*concluded.*

*Dr.* Statement of Deposit Accounts for 1937-38. *Cr.*

| Debits during 1937-38. | Closing Balance on 31st March 1938. | Total. | Name of Account. | Opening Balance on 1st April 1937. | Credits during 1937-38. | Total. |
|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 28,28,423 12 0 | 22,75,750 12 0 | 51,04,174 8 0 | Brought forward .. | 19,40,197 0 1 | 31,63,977 7 11 | 51,04,174 8 0 |
| 7,24,599 1 4 | 1,38,895 8 0 | 8,63,494 9 4 | C—Other cash deposits .. .. .. | 1,68,102 5 9 | 6,95,392 3 7 | 8,63,494 9 4 |
| 8,50,007 6 3 | 14,02,793 5 10 | 22,52,800 12 1 | D—Cash deposits from Lessees .. .. | 14,35,165 7 9 | 8,17,635 4 4 | 22,52,800 12 1 |
| | | | E—Paper deposits (Kept in Office)— | | | |
| 23,62,400 0 0 | 42,60,100 0 0 | 66,22,500 0 0 | (1) From Contractors, etc. .. .. | 1,01,400 0 0 | 65,21,100 0 0 | 66,22,500 0 0 |
| 3,12,400 0 0 | 1,06,200 0 0 | 4,18,600 0 0 | (2) From Tenderers .. .. | 1,20,700 0 0 | 2,97,900 0 0 | 4,18,600 0 0 |
| 14,900 0 0 | 400 0 0 | 15,300 0 0 | (3) Securities held under objection .. | 100 0 0 | 15,200 0 0 | 15,300 0 0 |
| 26,89,700 0 0 | 43,66,700 0 0 | 70,56,400 0 0 | Total .. | 2,22,200 0 0 | 68,34,200 0 0 | 70,56,400 0 0 |
| 2,27,940 0 0 | 5,25,400 0 0 | 7,53,340 0 0 | F—Paper Deposits from Municipal employees and contractors lodged with the Imperial Bank of India. | 3,94,700 0 0 | 3,58,640 0 0 | 7,53,340 0 0 |
| 90,100 0 0 | 4,01,100 0 0 | 4,91,200 0 0 | G—Paper deposits from lessees, etc., lodged with the Imperial Bank of India. | 3,21,700 0 0 | 1,69,500 0 0 | 4,91,200 0 0 |
| 74,10,770 3 7 | 91,10,639 9 10 | 1,65,21,409 13 5 | Total .. | 44,82,064 13 7 | 1,20,39,344 15 10 | 1,65,21,409 13 5 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 14-D.

*Dr.* Statement of Reserve Stock for 1937-38. *Cr.*

| Opening balance on 1st April 1937. | Debits during 1937-38. | Total. | Name of Account. | Credits during 1937-38. | Closing balance on 31st March 1938. | Total. |
|---|---|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,61,109 3 3 | 7,02,959 11 3 | 8,64,068 14 6 | General Stores Department .. .. | 6,42,390 15 3 | 2,21,677 15 3 | 8,64,068 14 6 |
| 42,797 10 1 | 4 11 0 | 42,802 5 1 | Do. do. —Surplus and Obsolete Stores. | 2,452 15 8 | 40,349 5 5 | 42,802 5 1 |
| 1,12,079 13 3 | 8,15,049 5 0 | 9,27,129 2 3 | Capital Stores .. .. .. .. | 7,36,833 10 0 | 1,90,295 8 3 | 9,27,129 2 3 |
| 85,858 0 5 | .... | 85,858 0 5 | Line Suspense Account .. .. .. | 215 0 0 | 85,643 0 5 | 85,858 0 5 |
| 27,923 14 4 | .... | 27,923 14 4 | Do. do. —Surplus and Obsolete Stores. | .... | 27,923 14 4 | 27,923 14 4 |
| 3,324 6 0 | 3,667 3 5 | 6,991 9 5 | Water Works .. .. .. .. | 3,383 4 3 | 3,608 5 2 | 6,991 9 5 |
| 20,995 8 7 | .... | 20,995 8 7 | City Engineer's Department (Works Engineer) .. | 499 1 7 | 20,496 7 0 | 20,995 8 7 |
| 4,54,088 7 11 | 15,21,680 14 8 | 19,75,769 6 7 | Total .. | 13,85,774 14 9 | 5,89,994 7 10 | 19,75,769 6 7 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# APPENDIX No. 14-E.

Statement showing 'Interest accrued but not paid' in respect of the following Municipal Loans credited to Suspense account pending adjustment in their respective years of repayment, outstanding on 31st March 1938.

| Year of adjustment. | Particulars of Loans. | Amount of Interest accrued but not paid outstanding. | Date of Maturity of the Loan. |
|---|---|---|---|
| | | Rs. a. p. | |
| 1923-24 | Rs. 13½ Lakhs Loan .. .. .. | 22,500 0 0 | 1-5-1938 |
| ,, | ,, 25 ,, ,, .. .. .. | 41,666 10 8 | 1-11-1939 |
| ,, | ,, 19½ ,, ,, .. .. .. | 25,666 10 8 | 1-6-1940 |
| ,, | ,, 55 ,, ,, .. .. .. | 73,333 5 4 | 1-6-1942 |
| 1922-23 | ,, 147 ,, ,, Portion Rs. 22,08,500 .. | 55,212 8 0 | 1-1-1943 |
| 1923-24 | ,, 24¾ ,, ,, .. .. .. | 33,000 0 0 | 1-6-1943 |
| ,, | ,, 43 ,, ,, .. .. .. | 71,666 10 8 | 1-5-1945 |
| 1922-23 | ,, 147 ,, ,, Portion Rs. 17,00,000 .. | 42,500 0 0 | 1-1-1946 |
| 1923-24 | ,, 2nd 24¾ ,, ,, .. .. .. | 16,500 0 0 | 1-8-1946 |
| 1922-23 | ,, 147 ,, ,, Portion Rs. 10,00,000 .. | 25,000 0 0 | 1-1-1948 |
| 1923-24 | ,, 15 ,, ,, .. .. .. | 25,000 0 0 | 1-5-1949 |
| ,, | ,, 30 ,, ,, (Overbridges) .. | 50,000 0 0 | 1-5-1949 |
| 1925-26 | ,, 30 ,, ,, (Mis. Works) .. | 30,000 0 0 | 1-1-1951 |
| 1922-23 | ,, 147 ,, ,, Portion Rs. 43,00,000 .. | 1,07,500 0 0 | 1-1-1953 |
| 1923-24 | ,, 70 ,, ,, Portion Rs. 49,40,000 .. | 65,866 10 8 | 1-6-1954 |
| 1924-25 | ,, 160 ,, ,, .. .. .. | 3,20,000 0 0 | 1-12-1954 |
| 1923-24 | ,, 20 ,, ,, .. .. .. | 33,333 5 4 | 1-5-1955 |
| 1927-28 | ,, 25 ,, ,, .. .. .. | 31,250 0 0 | 1-1-1958 |
| 1929-30 | ,, 37 ,, ,, .. .. .. | 21,846 0 0 | 1-8-1959 |
| ,, | ,, 31-43 ,, ,, .. .. .. | 21,784 0 0 | 1-8-1959 or after 1-8-1949 |
| ,, | ,, 28 ,, ,, .. .. .. | 7,046 0 0 | 1-8-1959 or after 1-8-1954 |
| 1923-24 | ,, 70 ,, ,, Portion Rs. 20,60,000 .. | 27,466 10 8 | 1-6-1974 |
| 1925-26 | ,, 10 ,, ,, .. .. .. | 12,500 0 0 | 1-7-1980 |
| 1932-33 | ,, 40 ,, ,, .. .. .. | 80,000 0 0 | 1-9-1960 or after 1-9-1950 |
| 1937-38 | ,, 9 ,, ,, .. .. .. | 1,313 0 0 | 14-3-1966 |
| | ,, 24½ ,, ,, .. .. .. | 12,250 0 0 | 1-2-1967 |
| | Total Rs. .. | 12,54,201 8 0 | |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

Statement showing the amounts of the Receipts and Expenditure respectively credited at the credit of the Fund at the close of the

| | Details. | Total. |
|---|---|---|
| | Rs. a. p. | Rs. a. p. |
| **Balance on 1st April 1937.** | | 22,35,051 5 3 |
| **Receipts—A. Revenue Account—** | | |
| 1. General Tax, Indirect Taxation and Mis. Revenue. — A General Tax | 1,25,73,930 9 10 | |
| B. Town Duties | 13,09,001 5 8 | |
| C. Licenses—Land Conveyance, Music—etc., Licenses | 5,110 6 3 | |
| D. Liquor Licenses | 1,43,750 0 0 | |
| E. Tobacco Duty | 4,14,250 0 0 | |
| F. Interest and Profit on Investments of Surplus Loan and other balances | 2,10,387 5 0 | |
| G. Interest on Plant and Machinery Depreciation Fund | 73,443 7 0 | |
| H. Miscellaneous | 2,87,857 3 5 | |
| | | 1,50,17,730 5 2 |
| 2. Water Works—Water Tax and other Mis. Water Works Revenue | | 75,50,380 12 7 |
| 3. Education—Primary | | 8,06,570 0 0 |
| 4. Education—Secondary | | 436 3 0 |
| 5. Public Health Department | | 90,447 4 4 |
| 6. Medical Relief and Education | | 1,27,097 10 0 |
| 7. Street Cleansing and Conservancy, Road Watering and Halalkhore Service— | | |
| A. Halalkhore Tax | 33,39,104 13 4 | |
| B. Miscellaneous | 1,34,411 8 11 | |
| | | 34,73,516 6 3 |
| 8. Roads, Drains and Sewers— | | |
| A. Wheel Tax and Government Contribution in lieu of Tolls | 14,29,079 13 7 | |
| B. Ground Rent | 1,91,190 6 9 | |
| C. Miscellaneous | 2,09,506 14 8 | |
| D. Interest realized on Donations | 1,796 13 0 | |
| | | 18,31,574 0 0 |
| 9. Mechanical | | 44,281 8 5 |
| 10. Buildings, Land Acquisition and Management— | | |
| A. Sale Proceeds of Surplus Land | 10,00,000 0 0 | |
| B. Rent of Buildings | 1,21,463 11 8 | |
| C. Ground Rent | 1,84,074 2 11 | |
| D. Miscellaneous | 2,49,626 3 11 | |
| | | 15,55,164 2 6 |
| 11. Fire Brigade— | | |
| A. Fire Tax | 5,72,309 1 0 | |
| B. Miscellaneous | 12,272 2 3 | |
| | | 5,84,581 3 3 |
| 12. Licensing and Removal of Encroachments on Public Streets— | | |
| A. Licenses for Dangerous and Offensive Trades | 1,88,454 4 0 | |
| B. Removal of Encroachments on Public Streets | 1,42,406 13 0 | |
| C. Miscellaneous | 75,992 9 5 | |
| | | 4,06,853 10 5 |
| 13. Gardens and Open Spaces | | 51,073 1 11 |
| 14. Markets and Slaughter Houses | | 12,46,234 6 0 |
| 15. Contribution from Capital Funds to Revenue on account of Loan Works Staff | | 82,189 13 0 |
| 16. Extraordinary Receipts | | 1,48,287 14 4 |
| Total Revenue Receipts | | 3,30,16,418 5 2 |

and debited to the Municipal Fund during the year 1937-38 and the balance year 1937-38 (*i.e.*, 31st March 1938).

| | | Details. | | | Total. | | |
|---|---|---|---|---|---|---|---|
| **Expenditure A.—Revenue Account—** | | Rs. | a. | p. | Rs. | a. | p. |
| I. General Supervision Collection of Revenue, etc. | A. General Superintendence | 4,71,811 | 1 | 4 | | | |
| | B. Collection of Revenue | 6,28,592 | 1 | 4 | | | |
| | C. Upkeep of Municipal Head Office | 27,481 | 7 | 2 | | | |
| | D. General Stores | 73,772 | 8 | 6 | | | |
| | E. Miscellaneous Charges | 1,21,074 | 7 | 10 | | | |
| | F. Election Expenses | 1,27,149 | 3 | 9 | | | |
| | New Works | .... | | | | | |
| | Debt Charges | 33,586 | 13 | 6 | | | |
| | Proportion of General Superintendence chargeable to Water Works Markets, etc., and Improvement Schemes Account | *Cr.* 3,72,925 | 9 | 0 | | | |
| | | | | | 11,10,542 | 2 | 5 |
| II. | Water Works | 8,16,701 | 14 | 1 | | | |
| | ,, New Works | 15,100 | 11 | 0 | | | |
| | ,, Debt Charges | 52,17,360 | 1 | 0 | | | |
| | Proportion of General Supervision and Collection of Revenue | 2,50,823 | 7 | 0 | | | |
| | Provident Fund and Pension, etc., charges | 77,024 | 12 | 0 | | | |
| | | | | | 63,77,010 | 13 | 1 |
| III. | Education—Primary | 34,44,771 | 10 | 10 | | | |
| | ,, New Works | 7,444 | 9 | 0 | | | |
| | ,, Debt Charges | 1,39,789 | 7 | 0 | | | |
| | | | | | 35,92,005 | 10 | 10 |
| IV. | Education—Secondary | | | | 54,344 | 8 | 0 |
| V. Public Health Department. | A. General Supervision | 5,29,625 | 1 | 1 | | | |
| | B. Epidemics | 19,343 | 13 | 6 | | | |
| | C. Vaccination | 75,281 | 0 | 6 | | | |
| | D. Malaria | 1,75,883 | 11 | 0 | | | |
| | E. Miscellaneous | 93,126 | 7 | 9 | | | |
| | New Works | 8,606 | 3 | 0 | | | |
| | Debt Charges | 67,616 | 6 | 0 | | | |
| | | | | | 9,69,482 | 10 | 10 |
| VI. Medical Relief and Education. | A. Hospitals and Dispensaries— | | | | | | |
| | (*a*) Infections Diseases Hospitals | 2,31,528 | 12 | 9 | | | |
| | (*b*) Maternity Homes | 94,683 | 2 | 6 | | | |
| | (*c*) Dispensaries for Outpatients | 68,214 | 8 | 3 | | | |
| | B. Medical and Nursing Assistance, to poor people in their homes | 13,663 | 0 | 9 | | | |
| | C. Statutory Contribution to Government Medical Institutions | 4,14,500 | 0 | 0 | | | |
| | D. Grants-in-aid to Public Medical Institutions, &c. | 1,71,245 | 3 | 7 | | | |
| | E. Anti-Tuberculosis League Dispensary | 79,921 | 14 | 9 | | | |
| | F. Dispensary for Combating Genereal Diseases | 26,744 | 9 | 10 | | | |
| | G. Hospital for the treatment of cases of Leprosy | 1,486 | 8 | 0 | | | |
| | H. King Edward Memorial Hospital | 5,50,095 | 13 | 9 | | | |
| | I. Gordhandas Sunderdas Medical College | 2,56,383 | 2 | 1 | | | |
| | New Works | 7,278 | 11 | 0 | | | |
| | Debt Charges | 3,78,069 | 0 | 0 | | | |
| | | | | | 22,93,814 | 7 | 3 |
| VII. Street Cleansing and Conservancy, Road Watering and Halalkhore Service. | A. Street Cleansing and Conservancy | 17,30,919 | 4 | 5 | | | |
| | B. Transport of Refuse, &c., to Deonar | 2,07,392 | 3 | 6 | | | |
| | C. Road Watering | 19,441 | 9 | 6 | | | |
| | D. Halalkhore Service | 3,52,526 | 1 | 9 | | | |
| | New Works | 54,425 | 8 | 0 | | | |
| | Debt Charges | 4,77,533 | 3 | 0 | | | |
| | | | | | 28,42,237 | 14 | 2 |
| VIII. Roads, Drains and Sewers. | A. General | 1,43,821 | 3 | 3 | | | |
| | B. Maintenance of Roads | 11,70,746 | 5 | 3 | | | |
| | C. Public Lighting | 10,78,760 | 12 | 6 | | | |
| | D. Cleansing of Drains and Sewers and Street connections | 2,86,361 | 7 | 6 | | | |
| | Rebate on Account the compounded wheel-tax, etc. | 1,06,500 | 0 | 0 | | | |
| | New Works | 21,418 | 11 | 0 | | | |
| | Debt Charges | 33,81,721 | 0 | 0 | | | |
| | | | | | 61,89,329 | 7 | 6 |
| IX. Mechanical. | A. Mechanical Engineer's Office Staff | 68,541 | 4 | 0 | | | |
| | B. Pumping and Compressor Stations and Flood Gates | 4,15,089 | 8 | 9 | | | |
| | C. Supervision of Factories, Workshops and work places | 12,776 | 8 | 0 | | | |
| | D. Transport | 5,19,856 | 9 | 0 | | | |
| | E. Refrigerator | 16,548 | 8 | 5 | | | |
| | F. Oiling and Greasing surplus Machinery | .... | | | | | |
| | New Works | 2,970 | 1 | 0 | | | |
| | Debt Charges | 1,58,547 | 6 | 0 | | | |
| | | | | | 11,94,329 | 13 | 2 |
| X. Buildings, Land Acquisition and Management. | A. City Engineer's Central Office Establishment | 1,14,323 | 6 | 3 | | | |
| | B. Inspection and Supervision of Private Buildings | 2,34,859 | 6 | 9 | | | |
| | C. Architectural | 78,907 | 0 | 0 | | | |
| | D. Land Acquisition and Management | 1,28,346 | 11 | 9 | | | |
| | New Works | 3,432 | 3 | 0 | | | |
| | Debt Charges | 17,69,770 | 13 | 0 | | | |
| | Proportionate share of cost of Establishment and Supervision Chargeable to Improvement Schemes Account | *Cr.* 15,403 | 0 | 0 | | | |
| | | | | | 23,14,236 | 8 | 9 |
| XI. | Fire Brigade | 3,26,655 | 1 | 5 | | | |
| | Do. New Works | 914 | 11 | 0 | | | |
| | Do. Debt Charges | 44,864 | 14 | 0 | | | |
| | Proportion of General Supervision | 20,559 | 12 | 0 | | | |
| | Provident Fund, Pension, etc., charges | 68,159 | 4 | 0 | | | |
| | | | | | 4,61,153 | 10 | 5 |
| XII. | Licensing and removal of Encroachments on Public Streets | 1,25,459 | 7 | 1 | | | |
| | New Works | 192 | 11 | 0 | | | |
| | | | | | 1,25,652 | 2 | 1 |
| XIII. | Gardens and Open Spaces | 1,30,502 | 10 | 3 | | | |
| | Do. New Works | 5,304 | 6 | 0 | | | |
| | Do. Debt Charges | 2,17,322 | 0 | 0 | | | |
| | | | | | 3,53,129 | 0 | 3 |
| XIV. | Markets and Slaughter Houses | 2,87,831 | 0 | 4 | | | |
| | Do. New Works | 2,922 | 15 | 0 | | | |
| | Do. Debt Charges | 1,60,626 | 15 | 0 | | | |
| | Poportion of General Supervision | 20,532 | 3 | 0 | | | |
| | Provident Fund, Pension, etc., charges | 24,245 | 7 | 0 | | | |
| | | | | | 4,96,158 | 8 | 4 |
| XV. | Contribution to the City Improvement Trust | | | | 34,40,224 | 13 | 0 |
| XVI. | Provident Fund, Pensions, Gratuities and Compassionate Allowance | | | | 9,34,532 | 1 | 0 |
| XVII. | Slum Service | | | | .... | | |
| XVIII. | Municipal Debt Interest | | | | .... | | |
| | **Total Revenue Expenditure** | | | | 3,27,48,184 | 3 | 1 |

| | Details. | Total. |
|---|---|---|
| **RECEIPTS.—B—CAPITAL ACCOUNT—** | Rs. a. p. | Rs. a. p. |
| **Loan Funds—** | | |
| Debt—Principal— | | |
| Advances from Special Funds for Purchase of Plant & Machinery .. .. | 1,91,500 0 0 | |
| New Loan (1937-38) .. .. .. .. | 6,00,000 0 0 | |
| Advance from Net Premia Fund .. .. .. .. | .... | |
| Temporary Advance from Land Sales Reserve Fund .. .. | 18,75,000 0 0 | |
| Premia on New Loan .. .. .. .. | .... | |
| | | 26,66,500 0 0 |
| **Trust Fund—** | | |
| Interest, etc., on investments .. .. .. .. | | 1,50,799 4 0 |
| **Worn-out Water Mains Renewal Fund—** | | |
| Interest on Investments .. .. .. .. | | 6,297 10 0 |
| **Advances—** | | |
| Capital Stores Account .. .. .. .. | | 15,45,231 15 0 |
| Total Capital Account Receipts .. | | 43,68,828 13 0 |
| **Receipts C.—Suspense Account.** | | |
| Imperial Bank of India and other Local Banks on account of Sundry Deposits.. .. .. .. .. | | 5,11,72,800 0 0 |
| Loan Redemption Fund .. .. .. .. | | 29,67,476 14 0 |
| Do. do. (Improvements) Schemes Account .. .. | | 36,47,120 6 0 |
| Sinking and Special Funds Accounts .. .. .. | | 56,70,489 0 7 |
| Provident Fund—Recoveries .. .. .. .. | | 22,61,484 10 0 |
| Fines Fund Do. .. .. .. .. | | 22,755 7 0 |
| Gardens Fund Do. .. .. .. .. | | 7,960 9 0 |
| Land Sales Reserve Fund Recoveries .. .. .. | | 3,41,236 6 5 |
| Surplus Funds (Paper and Cash Account) .. .. .. | | 67,67,551 10 10 |
| Reserve Stores Account .. .. .. .. | | 7,09,254 5 6 |
| Purchase Stores Account .. .. .. .. | | 6,84,501 5 3 |
| Do. of Petrol .. .. .. .. | | 1,66,727 9 6 |
| Do. of Coal .. .. .. .. .. | | 15,523 4 0 |
| Departmental Works .. .. .. .. | | 11,34,415 0 1 |
| Private Works .. .. .. .. .. | | 2,06,649 15 0 |
| Sinking Funds (Paper and Cash Account) .. .. .. | | 12,09,288 10 0 |
| Special Funds ( Do. do. ) .. .. .. | | 30,41,599 3 11 |
| Loan Funds ( Do. do. ) .. .. .. | | 6,86,872 1 4 |
| Deposit Account .. .. .. .. .. | | 1,20,39,344 15 10 |
| Love Grove Crushers .. .. .. .. | | 72,247 7 3 |
| Sewri Crushers .. .. .. .. .. | | 66,851 0 2 |
| Mechanical Transport .. .. .. .. | | 93,416 12 11 |
| Asphalt Plant .. .. .. .. .. | | 1,20,656 12 4 |
| Municipal Contractors .. .. .. .. | | 6,940 10 0 |
| ,, Tenderers .. .. .. .. | | 2,523 6 0 |
| Sundries—Miscellaneous Advances .. .. .. | | 76,068 4 9 |
| Officers— | | |
| (*a*) Dishonoured Cheques .. .. .. .. | 3,95,269 1 8 | |
| (*b*) Standing Advances for Contingent Expenses .. .. | 75 0 0 | |
| (*c*) Motor Cars and Motor Cycles to Officers .. .. | 9,081 4 0 | |
| (*d*) Cycle Advances to Subordinates .. .. .. | 120 0 0 | |
| | | 4,04,545 5 8 |
| Advances—Special Funds .. .. .. .. | | 1,73,523 6 11 |
| Bombay Municipal Corporation Loans—Interest Warrants Payable Account | | 36,86,699 12 11 |
| Cash Bills outstanding Account .. .. .. | | 5,11,186 6 0 |
| Cheques payable .. .. .. .. .. | | 7,99,63,084 0 6 |
| Interest on B. I. Trust Loans Payable Account .. .. | | 2,140 0 0 |
| City of Bombay Improvement Trust Interest Warrants Payable Account.. | | 20,69,453 15 8 |
| Improvement Schemes Fund— | | |
| (*a*) Sinking Fund .. .. .. .. | .... | |
| (*b*) Capital Fund .. .. .. .. .. | 48,39,569 11 11 | |
| | | 48,39,569 11 11 |
| Improvement Schemes Fund Account .. .. .. | | 15,76,104 12 0 |
| Interest accrued but not paid .. .. .. .. | | 13,563 0 0 |
| Total—Suspense Account Receipts .. | | 18,64,31,626 3 3 |

**No. 15**—*continued.*

| | Details. | | | Total. | | |
|---|---|---|---|---|---|---|
| **EXPENDITURE B.—CAPITAL ACCOUNT—** | Rs. | a. | p. | Rs. | a. | p. |
| **Loan Funds—** | | | | | | |
| II. Water Works, ordinary .. .. .. | 5,36,517 | 2 | 0 | | | |
| III. Education—Primary .. .. .. | 47 | 4 | 0 | | | |
| VI. Medical Relief and Education .. .. .. | 2,61,742 | 0 | 0 | | | |
| VII. Street Cleansing, Conservancy, Road Watering and Halalkhore Service .. .. .. .. | 91,944 | 2 | 0 | | | |
| VIII. Roads, Drains and Sewers .. .. .. | 18,94,502 | 2 | 10 | | | |
| IX. Mechanical .. .. .. .. | 38,339 | 13 | 7 | | | |
| X. Buildings, Land Acquisition and Management .. | 1,41,155 | 12 | 11 | | | |
| XI. Fire Brigade .. .. .. .. | 41,878 | 15 | 0 | | | |
| XIII. Markets & Slaughter Houses .. .. .. | 27,953 | 9 | 0 | | | |
| Discount and other charges on Loans .. .. .. | 6,000 | 14 | 0 | | | |
| Plant and Machinery .. .. .. .. | 1,91,371 | 2 | 0 | | | |
| | | | | 32,31,452 | 13 | 4 |
| **Worn-out Water Mains Renewal Fund—** | | | | | | |
| Expenditure on Works .. .. .. .. | | | | 58,101 | 10 | 0 |
| **Trust Account—** | | | | | | |
| VI. Medical Relief and Education .. .. .. | | | | .... | | |
| **Advances—** | | | | | | |
| Capital Stores .. .. .. .. | | | | 16,01,974 | 15 | 0 |
| Total Capital Account Expenditure .. | | | | 48,91,529 | 6 | 4 |
| ***Expenditure C.*—Suspense Account.** | | | | | | |
| Imperial Bank of India and other Local Banks on account of Sundry Deposits .. .. .. .. .. .. | | | | 5,34,38,117 | 9 | 6 |
| Sinking and Special Funds Accounts .. .. .. | | | | 7,54,461 | 9 | 8 |
| Interest accrued but not paid .. .. .. | | | | .... | | |
| Provident Fund Recoveries .. .. .. | | | | 22,61,484 | 10 | 0 |
| Fines Fund Do. .. .. .. .. | | | | 22,755 | 7 | 0 |
| Gardens Fund Do. .. .. .. .. | | | | 7,960 | 9 | 0 |
| Land Sales Reserve Fund .. .. .. .. | | | | 3,41,236 | 6 | 5 |
| Plant and Machinery .. .. .. .. | | | | 22,125 | 14 | 0 |
| Reserve Stores Account .. .. .. .. | | | | 7,92,377 | 6 | 8 |
| Purchase Stores Account .. .. .. .. | | | | 6,47,434 | 10 | 6 |
| Purchase of Petrol .. .. .. .. | | | | 1,70,167 | 4 | 0 |
| Purchase of Coal .. .. .. .. | | | | 17,967 | 13 | 0 |
| Departmental Works .. .. .. .. | | | | 11,96,163 | 6 | 10 |
| Private Works .. .. .. .. | | | | 2,13,572 | 12 | 1 |
| Sinking Funds .. .. .. .. | | | | 39,57,489 | 4 | 0 |
| Special Funds .. .. .. .. | | | | 23,52,477 | 1 | 6 |
| Surplus Funds .. .. .. .. | | | | 64,40,882 | 0 | 2 |
| Loan Funds .. .. .. .. .. | | | | 6,03,818 | 8 | 0 |
| Debt—Principal—Repayment of Loans .. .. | | | | 29,67,476 | 14 | 0 |
| Do. do. (Improvements Schemes Account) .. .. | | | | 36,47,120 | 6 | 0 |
| Deposit Account .. .. .. .. | | | | 74,10,770 | 3 | 7 |
| Love Grove Crushers .. .. .. .. | | | | 58,072 | 8 | 7 |
| Sewri Crushers .. .. .. .. | | | | 57,910 | 12 | 0 |
| Mechanical Transport .. .. .. .. | | | | 97,123 | 10 | 6 |
| Asphalt Plant .. .. .. .. | | | | 1,75,061 | 0 | 6 |
| Municipal Contractors .. .. .. .. | | | | 6,795 | 12 | 9 |
| „ Tenderers .. .. .. .. | | | | 2,523 | 6 | 0 |
| Sundries—Miscellaneous Advances .. .. .. | | | | 70,613 | 0 | 7 |
| Officers— | | | | | | |
| (*a*) Dishonoured Cheques .. .. .. | 3,95,269 | 1 | 8 | | | |
| (*b*) Standing Advances for Contingent Expenses .. .. | 480 | 0 | 0 | | | |
| (*c*) Motor Cars and Motor Cycles to Officers .. .. | 10,000 | 0 | 0 | | | |
| (*d*) Cycle Advances to Subordinates .. .. .. | .... | | | | | |
| | | | | 4,05,749 | 1 | 8 |
| Advances—Special Funds .. .. .. .. | | | | 26,84,468 | 6 | 3 |
| Bombay Municipal Corporation Loans—Interest Warrants Payable Account .. .. .. .. .. | | | | 36,77,860 | 4 | 11 |
| Cash Bills Outstanding Account .. .. .. | | | | 5,13,796 | 3 | 5 |
| Cheques payable .. .. .. .. | | | | 8,01,19,542 | 10 | 1 |
| City of Bombay Improvement Trust Interest Warrants Payable Account .. .. .. .. .. | | | | 20,51,716 | 8 | 4 |
| Improvement Schemes Fund— | | | | | | |
| (*a*) Sinking Fund .. .. .. .. | ... | | | | | |
| (*b*) Capital Fund .. .. .. .. | 94,28,634 | 12 | 0 | 94,28,634 | 12 | 0 |
| Interest on Bombay Improvement Trust Loans Payable Account .. | | | | .... | | |
| Improvement Schemes Fund Account .. .. .. | | | | 80,749 | 12 | 0 |
| Total—Suspense Account Expenditure .. | | | | 18,66,96,477 | 9 | 6 |

**Appendix**

| | Total. |
|---|---|
| | Rs. a. p. |
| **RECEIPTS—D.—IMPROVEMENT SCHEMES ACCOUNT—** | |
| **General Account—** | |
| I. Rent and other proceeds of properties .. .. .. .. | 50,52,209 13 3 |
| II. Contribution towards Improvement Schemes from the Municipal Corporation .. | 34,40,224 13 0 |
| III. Receipts on account of Tobacco Duty .. .. .. .. | 12,42,750 0 0 |
| IV. Interest and Profits on Investments .. .. .. .. | 4,60,698 8 0 |
| V. Miscellaneous Receipts .. .. .. .. .. | 60,921 9 4 |
| Total Rs. .. | 1,02,56,804 11 7 |
| **Capital Account—** | |
| I. Sale proceeds of Land Buildings, etc. .. .. .. .. | 21,63,880 12 1 |
| Revenue Surplus .. .. .. .. .. .. | 5,68,779 9 2 |
| II. Debt Principal .. .. .. .. .. .. | .... |
| III. Release of Debentures lodged with the Government .. .. .. | 42,40,000 0 0 |
| Extraordinary Receipts .. .. .. .. .. | .... |
| Book Value of Lands comprised in Schedule 'W' .. .. .. .. | .... |
| Total Rs. .. | 69,72,660 5 3 |
| Total General and Capital Account Receipts .. | 1,72,29,465 0 10 |

SUMMARY.

| Receipts. | | Disbursements. |
|---|---|---|
| Rs. a. p. | | Rs. a. p. |
| 22,35,051 5 3 | Balance on 1st April 1937— | |
| 3,30,16,418 5 2 | A—Revenue Account .. .. .. .. | 3,27,48,184 3 1 |
| 43,68,828 13 0 | B—Capital ,, .. .. .. .. | 48,91,529 6 4 |
| 18,64,31,626 3 3 | C—Suspense ,, .. .. .. .. | 18,66,96,477 9 6 |
| 1,72,29,465 0 10 | D—Improvement Schemes Account .. .. .. | 1,41,35,755 0 9 |
| 24,10,46,338 6 3 | Total .. | 23,84,71,946 3 8 |
| | *Balance on 31st March 1938 .. .. .. .. | 48,09,443 7 10 |
| 24,32,81,389 11 6 | Total .. | 24,32,81,389 11 6 |

M. R. TAMBE,
*Chief Accountant.*

**No. 15**—*concluded.*

| | Details. | Total. |
|---|---|---|
| | Rs. a. p. | Rs. a. p. |
| **EXPENDITURE—D.—IMPROVEMENT SCHEMES ACCOUNT—** | | |
| **General Account—** | | |
| A.—Maintenance of Properties and Streets .. .. | | 13,80,504 14 7 |
| B.—Cost of Management and Establishment .. .. | 6,25,228 9 7 | |
| C.—Proportionate charge on account of Municipal Supervision .. | 91,413 3 0 | |
| | 7,16,641 12 7 | |
| *Deduct*— | | |
| Proportionate share of cost of Management and Establishment chargeable to General Account .. Rs. 5,84,981 12 7 | | |
| „ „ „ to Capital Account „ 1,31,660 0 0 | 7,16,641 12 7 | |
| | | .... |
| D.—Debt Charges .. .. .. .. | | 83,07,520 3 10 |
| E.—Transfer of Surplus to Capital Account .. .. | | 5,68,779 9 2 |
| Total Rs. .. | | 1,02,56,804 11 7 |
| **Capital Account—** | | |
| Improvement and Street Schemes, etc. .. .. | | 8,12,823 5 4 |
| Proportionate share of cost of Management and Establishment chargeable to Improvement and Street Scheme .. .. | | 1,31,660 0 0 |
| Expenses in connection of New Loan .. .. .. | | .... |
| Repayment of Loan 20 Lakhs* .. .. .. | | 29,28,500 0 0 |
| Deposit of Debentures with Government .. .. | | .... |
| Miscellaneous .. .. .. .. | | 5,966 15 10 |
| Book Value of Lands comprised in Schedule 'W' .. .. | | .... |
| Total Rs. .. | | 38,78,950 5 2 |
| Total General and Capital Account Expenditure .. | | 1,41,35,755 0 9 |

| | | | | Rs. a. p. |
|---|---|---|---|---|
| Bank's reconciliation :— | | | | |
| * Balance as per Bank's Pass Book .. .. .. .. .. .. | | | | 3,47,173 13 8 |
| *Add*— | | | | |
| Revenue sent to the Bank on 31st March 1938 but acknowledged on 1st April 1938 .. .. | | | | 1,47,054 6 7 |
| | | | | 4,94,228 4 3 |
| *Less*— | | | | |
| Uncashed Cheques .. .. .. .. .. .. .. | | | | 51,717 13 3 |
| Balance in Bank as per Day Book (Column No. 10) .. .. .. .. | | | | 4,42,510 7 0 |
| „ „ Office in Government Promissory Notes, etc. .. .. | | Rs. | 43,66,700 0 0 | |
| Balance in Office in Cash .. .. .. .. | | „ | 233 0 10 | 43,66,933 0 10 |
| | | | | 48,09,443 7 10 |

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 16.

Comparison of Face, Purchase and Market Values at 31st March 1938 of the different Securities held in the following Special Funds.

| Name of Fund. | Particulars of Securities. | Face value. | Purchase rate per cent. | Actual cost at Purchase rate. | Market rates per cent. | Value at Market rates. |
|---|---|---|---|---|---|---|
| | | Rs. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| **Municipal Fire and Accident Insurance Fund.** | 3½ per cent. Government Promissory Notes ... ... | 9,100 | 60 0 0 | 5,460 0 0 | 97 11 0 | 9,378 0 0 |
| | Do. do. ... | 500 | 64 15 0 | 324 11 0 | | |
| | 3½ per cent. Loan 1947-50 .. | 32,800 | 96 0 0 | 31,488 0 0 | 106 1 0 | 74,880 2 0 |
| | Do. do. .. | 37,800 | 98 8 0 | 37,233 0 0 | | |
| | 4 per cent. Loan 1960-70 .. | 49,500 | 94 4 0 | 46,653 12 0 | 113 15 0 | 2,84,160 2 0 |
| | Do. do. ... | 94,200 | 92 8 0 | 87,135 0 0 | | |
| | Do. do. .. | 2,400 | 87 10 0 | 2,103 0 0 | | |
| | Do. do. ... | 1,03,300 | 88 0 0 | 90,904 0 0 | | |
| | 4 per cent. Bombay Improvement Trust Debentures ... | 42,400 | Par | 42,400 0 0 | 109 8 0 | 1,22,311 8 0 |
| | Do. do. ... | 10,000 | 89 0 0 | 8,900 0 0 | | |
| | Do. do. .. | 7,200 | 88 0 0 | 6,336 0 0 | | |
| | Do. do. ... | 23,500 | 84 8 0 | 19,857 8 0 | | |
| | Do. do. .. | 28,600 | 92 12 0 | 26,526 8 0 | | |
| | 4½ per cent. Bombay Improvement Trust Debentures ... | 2,200 | Par | 2,200 0 0 | 109 8 0 | 2,409 0 0 |
| | 3 per cent. Bombay Municipal Debentures ... .. .. | 42,000 | Par | 42,000 0 0 | Par | 42,000 0 0 |
| | Total Rs. .. | 4,85,500 | | 4,49,521 7 0 | | 5,35,138 12 0 |
| **Worn-out Water Mains Renewal Fund.** | 3½ per cent. Government Promissory Notes ... .. | 47,400 | 60 0 0 | 28,440 0 0 | 97 11 0 | 46,303 14 0 |
| | 3½ per cent. Loan 1947-50 ... | 1,700 | 94 13 0 | 1,611 13 0 | 106 1 0 | 22,379 3 0 |
| | Do. do. ... | 13,500 | 96 0 0 | 12,960 0 0 | | |
| | Do. do. .. | 5,900 | 98 8 0 | 5,811 8 0 | | |
| | 4 per cent. Loan 1960-70 ... | 15,900 | 94 4 0 | 14,985 12 0 | 113 15 0 | 36,460 0 0 |
| | Do. do. ... | 11,100 | 92 8 0 | 10,267 8 0 | | |
| | Do. do. .. | 5,000 | 88 0 0 | 4,400 0 0 | | |
| | 4 per cent. Bombay Improvement Trust Debentures .. | 1,700 | Par | 1,700 0 0 | 109 8 0 | 2,190 0 0 |
| | Do. do. .. | 300 | 92 12 0 | 278 4 0 | | |
| | 3 per cent. Bombay Municipal Debentures ... .. .. | 4,500 | Par | 4,500 0 0 | Par | 4,500 0 0 |
| | Total Rs. ... | 1,07,000 | | 84,954 13 0 | | 1,11,833 1 0 |
| **Net Premia Fund** | 3 per cent. Government Promissory Notes ... .. | 900 | 48 0 0 | 432 0 0 | 83 12 0 | 753 12 0 |
| | 3½ per cent. Government Promissory Notes ... .. | 45,900 | 60 0 0 | 27,540 0 0 | 97 11 0 | 45,815 7 0 |
| | Do. do. .. | 1,000 | 62 10 0 | 626 4 0 | | |
| | 3½ per cent. Loan 1947-50 ... | 1,51,500 | 94 13 6 | 1,43,688 4 6 | 106 1 0 | 1,60,684 11 0 |
| | 4 per cent. Loan 1960-70 ... | 17,800 | Par. | 17,800 0 0 | 113 15 0 | 92,517 4 0 |
| | Do. do. .. | 500 | 88 0 0 | 440 0 0 | | |
| | Do. do. ... | 5,800 | 92 8 0 | 5,365 0 0 | | |
| | Do. do. ... | 31,800 | 88 6 0 | 28,103 4 0 | | |
| | Do. do. .. | 25,300 | 87 10 0 | 22,169 2 0 | | |
| | 3 per cent. Municipal Debentures .. .. .. ... | 15,800 | Par | 15,800 0 0 | Par | 15,800 0 0 |
| | Total Rs. .. | 2,36,300 | | 2,61,963 14 6 | | 3,15,571 2 0 |
| **Provident Fund** | 3½ per cent. Government Promissory Notes .. .. .. | 13,71,100 | 60 0 0 | 8,22,660 0 0 | 97 11 0 | 16,28,743 11 0 |
| | Do. do. .. | 10,000 | 68 11 0 | 6,868 12 0 | | |
| | Do. do. .. | 1,57,000 | 75 10 0 | 1,18,731 4 0 | | |
| | Do. do. .. | 1,29,200 | 75 14 6 | 98,070 14 0 | | |
| | 3½ per cent. Loan 1947-50 ... | 13,60,300 | 98 8 0 | 13,39,895 8 0 | 106 1 0 | 24,04,542 15 0 |
| | Do. do. ... | 1,15,600 | 94 13 6 | 1,09,639 6 0 | | |
| | Do. do. .... | 6,48,600 | 96 0 0 | 6,22,656 0 0 | | |
| | Do. do. .. | 1,42,600 | 94 13 0 | 1,35,202 10 0 | | |
| | 4 per cent. Loan 1960-70 ... | 1,23,300 | 94 4 0 | 1,16,210 4 0 | 113 15 0 | 78,06,199 15 0 |
| | Do. do. . | 17,85,700 | 92 8 0 | 16,51,772 8 0 | | |
| | Do. do. ... | 47,500 | 88 6 0 | 41,978 2 0 | | |
| | Do. do. ... | 35,94,700 | 88 0 0 | 31,63,336 0 0 | | |
| | Do. do. ... | 13,00,100 | 87 10 0 | 11,39,212 10 0 | | |
| | 5 per cent. Loan 1940-43 | 8,97,600 | 98 0 0 | 8,79,648 0 0 | 107 0 0 | 9,60,432 0 0 |
| | 4 per cent. Bombay Improvement Trust Debentures .. | 1,81,300 | Different rates. | 1,40,693 0 0 | 109 8 0 | 9,86,704 8 0 |
| | Do. do. ... | 4,300 | Par | 4,300 0 0 | | |
| | Do. do ... | 25,000 | 84 4 0 | 21,062 8 0 | | |
| | Do. do. .. | 6,90,500 | 92 12 0 | 6,40,438 12 0 | | |
| | 4½ per cent. Bombay Improvement Trust Debentures .. | 20,000 | Par | 20,000 0 0 | 109 8 0 | 21,900 0 0 |
| | 5 per cent. Bombay Improvement Trust Debentures .. | 6,18,500 | Different rates. | 5,65,335 0 0 | 118 8 0 | 7,32,922 8 0 |
| | 6* per cent. Bombay Improvement Trust Debentures .. | 1,91,000 | Different rates. | 1,92,531 4 0 | 109 8 0 | 2,09,145 0 0 |
| | 3 per cent. Municipal Debentures .. .. ... | 8,73,500 | Par | 8,73,500 0 0 | Par | 8,73,500 0 0 |
| | 6 per cent. Municipal Debentures ... ... | 8,64,500 | 99 3 9 | 8,57,881 2 9 | 129 0 0 | 11,15,205 0 0 |
| | Total Rs. ... | 1,51,51,900 | | 1,35,61,623 8 9 | | 1,67,39,295 9 0 |
| | Carried over Rs. .. | 160,40,700 | | 1,43,58,063 11 3 | | 1,77,01,838 8 0 |

* The rate of interest on 6 per cent. Bombay Improvement Trust Debentures 1935-80 has been reduced from 6 per cent. to 4½ per cent. from 1935-36.

## Appendix No. 16—*concld.*

Comparison of Face, Purchase and Market Values at 31st March 1938 of the different Securities held in the following Special Funds.

| Name of Fund. | Particulars of Securities. | Face value. | Purchase rate per cent. | Actual cost at Purchase rate. | Market rates per cent. | Value at Market rates. |
|---|---|---|---|---|---|---|
| | Brought forward Rs. .. | Rs. 1,60,40,700 | Rs. a. p. | Rs. a. p. 1,43,58,063 11 3 | Rs. a. p. | Rs. a. p. 1,77,01,838 8 0 |
| **Fines Fund** .. .. | 3½ per cent. Government Promissory Notes .. .. .. | 15,700 | 60 0 0 | 9,420 0 0 | 97 11 0 | 16,020 12 0 |
| | Do. do. .. | 500 | 64 15 0 | 324 11 0 | | |
| | Do. do. .. | 200 | 81 11 0 | 163 6 0 | | |
| | 3½ per cent. Loan 1947-50 .. | 38,500 | 98 8 0 | 37,922 8 0 | 106 1 0 | 85,698 8 0 |
| | Do. do. .. | 38,700 | 96 0 0 | 37,152 0 0 | | |
| | Do. do. .. | 3,600 | 94 13 0 | 3,413 4 0 | | |
| | 4 per cent. Loan 1960-70 .. | 20,000 | 88 0 0 | 17,600 0 0 | 113 15 0 | 22,787 8 0 |
| | 4½ per cent. Loan 1955-60 .. | 2,800 | 82 6 0 | 2,306 8 0 | 119 4 0 | 3,339 0 0 |
| | 5 per cent. Tax Free Loan 1945-55 .. .. ... .. | 1,300 | 117 7 0 | 1,526 11 0 | 118 5 0 | 1,538 1 0 |
| | 4 per cent. Bombay Port Trust Debentures .. .. .. | 3,000 | 70 0 0 | 2,100 0 0 | 110 0 0 | 3,300 0 0 |
| | 4 per cent. BombayImprovement Trust Debentures .. .. | 42,900 | Par. | 42,900 0 0 | 109 8 0 | 55,735 8 0 |
| | Do. do. .. | 2,200 | 84 4 0 | 1,853 8 0 | | |
| | Do. do. .. | 5,800 | 92 12 0 | 5,379 8 0 | | |
| | 3 per cent. Bombay Municipal Debentures .. .. .. | 27,400 | Par | 27,400 0 0 | Par. | 27,400 0 0 |
| | Total Rs. .. | 2,02,600 | | 1,89,462 0 0 | | 2,15,819 5 0 |
| **Plant and Machinery Depreciation Fund.** | 3½ per cent. Loan 1947-50 .. | 7,100 | 98 8 0 | 6,993 8 0 | 106 1 0 | 23,227 11 0 |
| | Do. do. .. | 3,100 | 94 13 0 | 2,939 3 0 | | |
| | Do. do. .. | 11,700 | 96 0 0 | 11,232 0 0 | | |
| | 4 per cent. Loan 1960-70 ... | 32,600 | 92 8 0 | 30,155 0 0 | 113 15 0 | 1,08,924 4 0 |
| | Do. do. ... | 63,000 | 87 10 0 | 55,203 12 0 | | |
| | 4 per cent. Bombay Improvement Trust Debentures .. | 1,06,000 | Par. | 1,06,000 0 0 | 109 8 0 | 1,17,493 8 0 |
| | Do. do. .. | 1,300 | 92 12 0 | 1,205 12 0 | | |
| | 3 per cent. Municipal Debentures | 1,22,900 | Par | 1,22,900 0 0 | Par. | 1,22,900 0 0 |
| | Total Rs. .. | 3,47,700 | | 3,36,629 3 0 | | 3,72,545 7 0 |
| **Renewal of Road Surfaces Fund.** | 3½ per cent. Loan 1947-50 ... | 86,900 | 96 0 0 | 83,424 0 0 | 106 1 0 | 1,17,411 3 0 |
| | Do. do. .. | 23,800 | 98 8 0 | 23,443 0 0 | | |
| | 4 per cent. Loan 1960-70 ... | 2,16,700 | 92 8 0 | 2,00,447 8 0 | 113 15 0 | 6,81,460 3 0 |
| | Do. do. ... | 2,47,400 | 87 10 0 | 2,16,784 4 0 | | |
| | Do. do. ... | 1,16,800 | 88 0 0 | 1,02,784 0 0 | | |
| | Do. do. ... | 17,200 | 94 4 0 | 16,211 0 0 | | |
| | 4 per cent. Bombay Improvement Trust Debentures .. | 10,700 | 92 12 0 | 9,924 4 0 | 109 8 0 | 11,716 8 0 |
| | 3 per cent. Municipal Debentures | 81,700 | Par | 81,700 0 0 | Par. | 81,700 0 0 |
| | Total Rs. ... | 8,01,200 | | 7,34,718 0 0 | | 8,92,287 14 0 |
| **Garden Fund** ... ... | 3½ per cent. Loan 1947-50 ... | 1,600 | 98 8 0 | 1,576 0 0 | 106 1 0 | 16,121 8 0 |
| | Do. do. ... | 12,800 | 96 0 0 | 12,288 0 0 | | |
| | Do. do. ... | 800 | 94 13 0 | 758 8 0 | | |
| | 4 per cent. Loan 1960-70 ... | 800 | Par. | 800 0 0 | 113 15 0 | 36,801 13 0 |
| | Do. do. .. | 1,800 | 87 10 0 | 1,577 4 0 | | |
| | Do. do. ... | 1,800 | 92 8 0 | 1,665 0 0 | | |
| | Do. do. .. | 900 | 94 4 0 | 848 4 0 | | |
| | Do. do. ... | 27,000 | 88 0 0 | 23,760 0 0 | | |
| | 4 per cent. Bombay Improvement Trust Debentures ... | 3,900 | Par. | 3,900 0 0 | 109 8 0 | 7,117 8 0 |
| | Do. do. ... | 1,100 | 84 4 0 | 926 12 0 | | |
| | Do. do. ... | 1,500 | 92 12 0 | 1,391 4 0 | | |
| | 3 per cent. Municipal Debentures .. .. | 5,000 | Par | 5,000 0 0 | Par. | 5,000 0 0 |
| | Total Rs. .. | 59,000 | | 54,491 0 0 | | 65,040 13 0 |
| **Hospital Fund** ... | 3½ per cent. Government Promissory Notes ... | 1,74,100 | 97 1 0 | 1,68,985 13 0 | 97 11 0 | 1,77,498 3 0 |
| | Do. do. ... | 7,600 | 98 7 6 | 7,483 10 0 | | |
| | 3½ per cent. Loan 1947-50 ... | 1,400 | 98 8 0 | 1,379 0 0 | 106 1 0 | 34,258 3 0 |
| | Do. do. ... | 30,900 | 96 0 0 | 29,664 0 0 | | |
| | 4 per cent. Loan 1960-70 .. | 42,400 | 106 14 6 | 45,328 4 0 | 113 15 0 | 49,334 15 0 |
| | Do. do. .. | 900 | 92 8 0 | 832 8 0 | | |
| | 3 per cent. Municipal Debentures | 29,400 | Par | 29,400 0 0 | Par. | 29,400 0 0 |
| | Total Rs. .. | 2,86,700 | | 2,83,073 3 0 | | 2,90,491 5 0 |
| **K. E. M. Hospital and G. S. M. College Equipment Fund.** | 3½ per cent. Loan 1947-50 .. | 10,200 | 94 13 0 | 9,670 14 0 | 106 1 0 | 20,894 5 0 |
| | Do. do. .. | 9,500 | 98 8 0 | 9,357 8 0 | | |
| | Total Rs. ... | 19,700 | | 19,028 6 0 | | 20,894 5 0 |
| | Grand Total Rs. ... | 1,77,57,600 | | 1,59,75,465 7 3 | | 1,95,58,917 9 0 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 16-A.

Comparison of Face, Purchase and Market Values at 31st March 1938 of the different Securities held in the Sinking Funds.

*N.B.*—Special attention is invited to para. 22 of the Chief Accountant's Report.

| Particulars of Securities. | Face value. | Purchase rate per cent. | Book value. | Market rates per cent. | Value at Market rates. (Municipal and Improvement Trust Debentures being valued at par.) |
|---|---|---|---|---|---|
| | Rs. | | Rs. a. p. | | Rs. a. p. |
| 4 per cent. Municipal Debentures .. | 1,33,02,200 | Par | 1,33,02,200 0 0 | Par | 1,33,02,200 0 0 |
| 4 ,, ,, ,, .. | 55,900 | 84½ | 47,235 8 0 | | 55,900 0 0 |
| 4 ,, ,, ,, .. | 21,500 | 84¼ | 18,113 12 0 | | 21,500 0 0 |
| 5 ,, ,, ,, .. | 50,37,000 | Par | 50,37,000 0 0 | | 50,37,000 0 0 |
| 6 ,, ,, ,, .. | 1,000 | ,, | 1,000 0 0 | | 1,000 0 0 |
| 6 ,, ,, ,, .. | 78,000 | 99-3-9 | 77,402 13 0 | | 78,000 0 0 |
| 3 ,, ,, ,, .. | 12,47,800 | Par | 12,47,800 0 0 | | 12,47,800 0 0 |
| 4 per cent. Bombay Improvement Trust Debentures. | 21,41,200 | 84¼ | 18,03,961 0 0 | Par | 27,91,500 0 0 |
| 4 ,, ,, ,, .. | 1,50,000 | 84½ | 1,26,750 0 0 | | |
| 4 ,, ,, ,, .. | 1,10,700 | 92¾ | 1,02,674 4 0 | | |
| 4 ,, ,, ,, .. | 3,89,600 | Par | 3,89,600 0 0 | | |
| 4 per cent. Bombay Improvement Trust (coupon) Debentures. | 3,76,600 | 84½ | 3,18,227 0 0 | Par | 5,00,000 0 0 |
| 4 ,, ,, ,, .. | 1,23,400 | 84¼ | 1,03,964 8 0 | | |
| 4 per cent. Loan 1960-70 .. | 1,79,200 | Par | 1,79,200 0 0 | $113\frac{15}{16}$ | 55,87,039 4 0 |
| 4 ,, ,, ,, .. | 30,42,300 | 75 | 22,81,725 0 0 | | |
| 4 ,, ,, ,, .. | 5,00,000 | 75-0-6 | 3,75,156 4 0 | | |
| 4 ,, ,, ,, .. | 3,25,900 | 88 | 2,86,792 0 0 | | |
| 4 ,, ,, ,, .. | 1,91,800 | 92½ | 1,77,415 0 0 | | |
| 4 ,, ,, ,, .. | 4,43,700 | 87⅝ | 3,88,792 2 0 | | |
| 4 ,, ,, ,, .. | 2,20,700 | 88⅜ | 1,95,043 10 0 | | |
| 3½ per cent. Loan 1947-50 .. | 14,14,200 | 96 | 13,57,632 0 0 | $106\frac{1}{16}$ | 27,69,079 12 0 |
| 3½ ,, ,, ,, .. | 3,82,900 | 94-13-6 | 3,63,156 11 6 | | |
| 3½ ,, ,, ,, .. | 8,13,700 | 98½ | 8,01,494 8 0 | | |
| 4½ per cent. Loan 1955-60 .. | 5,00,000 | 79¾ | 3,98,750 0 0 | $119\frac{1}{4}$ | 5,96,250 0 0 |
| 5 per cent. Loan 1940-43 .. | 3,52,200 | 98 | 3,45,156 0 0 | 107 | 5,37,354 0 0 |
| 5 ,, ,, ,, .. .. | 1,50,000 | 106⅞ | 1,60,312 8 0 | | |
| 4 per cent. Bombay Improvement Trust Sterling Debentures. | £ 25,000 | £ 80 at 1*s.* 6*d.* | 2,66,666 10 8 | Par at 1*s.* $6\frac{3}{32}$*d.* | 3,31,606 3 6 |
| Total Rs. ... | 3,15,51,500 | | 3,01,53,221 3 2 | | 3,28,56,229 3 6 |
| £ .. | 25,000 | | | | |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

## Appendix No. 16-B.

Statement showing the amount of and object for which the donations held under Public Monuments Maintenance Fund were received from different parties up to 31st March 1938.

| Name of donor. | Object for which the donation is given. | Particulars of Securities. | Face value. | Rate per cent. | Book value. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. a. | Rs. a. |
| Sir Mangaldas Nathoobhoy .. | Donation for the maintenance of Sir Mangaldas Nathoobhoy Clock at Mumbadevi. | 3½ per cent. Government Paper, 1879 .. .. | 500 | Par | 500 0 |
| The Secretary, Tata Memorial .. | Donation for the maintenance of J. N. Tata Statue .. | 3½ ,, ,, ,, 1900-01 .. | 1,200 | ,, | 1,200 0 |
| The Secretary, Ranade Memorial .. | Donation for the maintenance of Ranade Statue.. | 4 per cent. Bombay Improvement Trust Loan due 1962. | 1,000 | ,, | 1,200 0 |
| | | 3½ per cent. Government Paper, 1900-01 .. | 200 | ,, | |
| Mr. P. J. Mistri .. .. | Donation for the maintenance of N. M. Petit Statue at Gowalia Tank Road. | 3½ ,, ,, ,, 1900-01 .. | 2,000 | ,, | 3,000 0 |
| | | 3½ ,, ,, ,, 1879 .. .. | 1,000 | ,, | |
| Messrs. J. D. Framroz, R. B. Jeejeebhoy and P. C. Sethna. | Donation for the maintenance of Sir D. M. Petit Statue .. | 4 ,, Loan 1960-70 .. .. .. | 2,400 | 88 0 | 2,112 0 |
| Mr. Cassumally Jairajbhoy Peerbhoy .. | Donation for the maintenance of a fountain at the junction of Hornby Road and Palton Road. | 4 ,, Loan 1960-70 .. .. .. | 5,500 | 92 8 | 5,087 8 |
| The Secretary, Montague Memorial Fund. | Donation for the maintenance of the Montague Statue at the junction of Marine Lines and Church Gate Street. | 6 ,, Municipal Debentures 1950-60 .. | 1,200 | 99 10 | 1,195 8 |
| | | 4 ,, Loan 1960-70 .. .. .. | 900 | 88 0 | 792 0 |
| Mr. Surajmal Hanmantrai.. .. | Donation for the maintenance of a public fountain at Princess Street. | 4 ,, ,, 1960-70 .. .. .. | 2,600 | 92 8 | 2,405 0 |
| | | 3½ ,, Government Paper .. .. | 100 | 60 0 | 60 0 |
| ,, Chaturbhuj Jivandas .. .. | Donation for the maintenance of the new Bandstand at Chowpatty. | 4 ,, Government Loan 1960-70 .. | 400 | 88 0 | 352 0 |
| ,, Jamnadas Dwarkadas .. .. | Donation for the maintenance of a water trough for watering Victoria horses and bullocks at the junction of Colaba and Pilot Bunder Roads. | Do. do. | 400 | 88 0 | 352 0 |
| Dr. K. E. Dadachanji .. .. | Donation for the maintenance of a fountain at the junction of Frere Road and Carnac Bridge. | | | | 7,230 0 |
| Mr. D. P. Kothare .. .. | Donation for the maintenance of a fountain at Mint Road. | | | | 1,570 0 |
| ,, K. D. Dhuru .. .. | Donation for the maintenance of a fountain at the junction of old Purbhadevi and Cadell Road. | 4 per cent. Government Loan 1960-70 .. | 15,200 | 88 0 | 452 0 |
| ,, Gokuldas Karsondas Shroff .. | Donation for the maintenance of a cattle trough and drinking fountain at Lady Jamshedji Road. | 3½ ,, ,, Paper .. .. | 100 | 60 0 | 1,001 0 |
| ,, Fattechand Revaldas .. .. | Donation for the maintenance of a fountain at Narayan Dhuru Street. | | | | 353 0 |
| ,, Hansraj Pragji .. .. | Donation for the maintenance of a cattle trough at Clerk Road. | | | | 2,830 0 |
| ,, F. P. Pavri .. .. | Donation for the maintenance of a drinking fountain at the junction of Cadell Road and Old Purbhadevi Road. | 4 per cent. Loan 1960-70 .. .. | 600 | 88 0 | 528 0 |
| The Secretary, Dr. Dadabhoy Naoroji Memorial Fund. | Donation for the maintenance of the Statue of Dr. Dadabhoy Naoroji. | 4 ,, ,, ,, .. .. | 1,400 | 88 0 | 1,232 0 |
| Mr. Khimji Madon Bhujpuria .. | Donation for the upkeep of a water trough on site opposite the Jamshed Mill. | | | | |
| ,, L. R. Tairsee .. .. | Balance out of donation received from Mr. L. R. Tairsee for the construction of a cattle trough at the top end corner of Walkeshwar near "Tin Batti." | 4 ,, ,, ,, .. .. | 600 | 88 0 | 528 0 |
| | | Carried forward .. | 37,300 | | 33,980 0 |

## Appendix No. 16B—*concluded.*

| Name of donor. | Object for which the donation is given. | Particulars of Securities. | Face value. | Rate per cent. | Book value. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. a. | Rs. a. |
| | | Brought forward .. | 37,300 | | 33,980 0 |
| Mr. N. P. Wadia .. .. | Balance out of donation received for construction of three cattle troughs at Bhoiwada Road, Parel Tank Road and Sewree Cross Road. | 4 per cent. Loan 1960-70 .. .. | 1,200 | 88 0 | 1,056 0 |
| „ F. B. Jeejeebhoy .. .. | Balance out of donation received for the construction of a public fountain and water trough at the junction of Suparibag Road and Govt. Gate Road. | „ „ „ „ .. .. | 1,500 | 88 0 | 1,320 0 |
| „ Anantrao Vithoba Kowley .. | Balance out of donation received for the construction of a fountain and cattle-trough at the junction of Bhawani Shanker Road and Gokhale Road. | 3½ „ Government Paper .. .. | 1,500 | 64 15 | 974 1 |
| „ Ramdas Raghowji Govindji .. | Balance out of the donation received for the construction of a fountain and cattle-trough at Cavel Street. | 3½ „ „ „ .. .. | 1,700 | 60 0 | 1,020 0 |
| „ C. K. Kakade .. .. | Balance out of the donation received for the construction of a fountain at Bellasis Road. | 4 „ Loan 1960-70 .. .. | 200 | 88 0 | 176 0 |
| Hon. Secretary, Lok. Tilak Memorial Committee. | Donation for the maintenance of the Statue of Lok. Tilak at Chowpatty Sands. | 3½ „ Government Paper .. .. | 1,400 | Par | 1,400 0 |
| Sir Patrick Kelly Memorial Committee .. | Donation for the maintenance of the Statue of SirPatrick Kelly, Kt., C.I.E. opposite Crawford Market. | 3½ „ Government Loan 1947-50 .. .. | 900 | 108 2 | 973 2 |
| | | Total .. | 45,700 | | 40,899 3 |
| Rao Bahadur Ellappa Balaram .. | Donation for the maintenance of a Charitable Dispensary at Kamathipura. | 4 per cent. Bombay Improvement Trust Loan due 1966. | 5,000 | Par | 19,500 0 |
| | | 4 per cent. Bombay Improvement Trust Loan due 1972. | 14,500 | „ | |
| Bai Lingoobai, widow of Rajanna Jalooji.. | Do. do. | 3½ per cent. Government Paper 1854-55 .. | 10,700 | „ | 10,700 0 |
| Colaba Free Dispensary .. .. | Donation for the maintenance of Assets of the dispensary taken over by the Municipality on its taking over the dispensary. | 4 per cent. Government Loan 1960-70 .. | 1,200 | 87 10 | 1,051 8 |
| Joint Honorary Secretaries and Treasurers, George V Anti-Tuberculosis League. | Donation for the maintenance of Assets transferred to the Municipality on its taking over the League. | 3½ per cent. Government Paper 1900-01 .. | 1,000 | Par | 21,000 0 |
| | | 4 „ Municipal Debentures due 1954 .. | 20,000 | „ | |
| Mr. Shapurji Sorabji .. .. | Donation in connection with the house in Khetwadi given by him for being used as a Maternity Home. | 3½ „ Government Paper 1854-55 .. | 5,000 | „ | 10,000 0 |
| | | 3½ „ „ „ 1879 .. | 5,000 | „ | |
| Messrs. Little & Co. .. .. | Amount representing balance out of the Amount set apart for the purchase of Bai Gowrabai Dispensary Building at Kamathipura. | 4 „ Loan 1960-70 .. .. | 2,900 | 88 0 | 2,552 0 |
| Do. .. .. | Donation for meeting charges for repairs, etc., to Bai Gowrabai Dispensary at Kamathipura. | 6 „ Municipal Debentures 1950-60 .. | 5,000 | 99 10 | 4,981 4 |
| | | Total .. | 70,300 | | 69,784 12 |
| | | Grand Total Rs. .. | 1,16,000 | | 1,10,683 15 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 16-C.

Statement showing the amounts of and object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1938.

| Name of donor. | Object for which the endowment is given. | Particulars of Securities. | Face value. | Rate per cent. | Book value. |
|---|---|---|---|---|---|
| | *Scholarships.* | | Rs. | Rs. a. | Rs. a. |
| The Bhawnagar Durbar .. .. | " Bhawnagar State Entrance Scholarship " at G. S. M. College. | 4 per cent. Government Loan 1960-70 .. | 5,900 | 88 0 | 5,192 0 |
| Dr. N. A. Purandare .. .. | " Savitribai Purandare Prize " at K. E. M. Hospital .. | Do. do. .. | 300 | Par | 300 0 |
| Mr. Tulsidas H. Parekh .. .. | " Bai Bachubai Thakurdas Parekh Entrance Scholarship" at G. S. M. College. | Do. do. .. | 3,700 | 88 0 | 3,256 0 |
| ,, Lalji Naranji .. .. | " Lalji Naranji Scholarship " at G. S. M. College .. | Do. do. .. | 4,500 | 88 0 | 3,960 0 |
| ,, Chaturbhuj Gordhandas Sunderdas.. | " Chaturbhuj Gordhandas Sunderdas Scholarship " and " Bai Gangabai Gordhandas Sunderdas Scholarship" at G. S. M. College. | Do. do. .. | 9,100 | 88 0 | 8,908 0 |
| Dr. (Mrs.) Dossibai Jehangir Rattanshaw Dadabhoy, M.D., M.R.C.P. (Lond.) | " Awabai Rattanshaw Dadabhoy Scholarship " at G. S. M. College. | Do. do. .. | 3,900 | 88 0 | 3,432 0 |
| | | 3½ per cent. Government Paper 1900-01 .. | 200 | 68 4 | 136 8 |
| Mr. Jehangir Rattanshaw Dadabhoy .. | " Rattanshaw Dadabhoy Scholarship " at G. S. M. College.. | 4 per cent. Government Loan 1960-70 .. | 3,900 | 88 0 | 3,432 0 |
| The Honorary Staff and Professors of the K. E. M. Hospital and G. S. M. College. | " Bahadurji Memorial Scholarship in Surgery " at G. S. M. College. | Do. do. .. | 3,900 | 88 0 | 3,432 0 |
| The Trustees of Dr. Choksy's Entertainment Fund. | Donation for endowing a Gold Medal called " Sir Nusserwanji Choksy Memorial Prize Medal " at G. S. M. College. | 6 per cent. Municipal Debentures 1950-60 .. | 2,000 | 99 10 | 1,992 8 |
| | | 5 per cent. Government Loan 1940-43 .. | 200 | 99 8 | 199 0 |
| | | 4 per cent. Government Loan 1960-70 .. | 100 | Par | 100 0 |
| H. H. the Maharana Shri Sir Doulatsingji, K.C.I.E., Thakore Saheb of Limbdi. | Donation for awarding a gold medal and a miniature replica of the Challenge Cup. | 6 per cent. Municipal Debentures 1950-60 .. | 1,800 | 99 10 | 1,793 4 |
| Dr. Shirwalkar Memorial Fund Committee. | " Dr. Shirwalkar, General Proficiency Scholarship and Medals " at G. S. M. College. | 3½ per cent. Government Paper 1900-01 .. | 6,000 | Par | 6,000 0 |
| | | Do. do. .. | 3,000 | Par | 3,000 0 |
| | | 4 per cent. Municipal Debentures .. | 2,000 | Par | 2,000 0 |
| Mrs. Dhungavri Rangildas Desai .. | Donation for endowing two prizes of Rs. 20 each to the Nurses of the K. E. M. Hospital. | 4 per cent. Bombay Port Trust Bonds 1913 .. | 1,000 | Par | 1,000 0 |
| Dr. E. Moses .. .. .. | " Mrs. Abigail Elijah Moses Prize " at K. E. M. Hospital .. | 3½ per cent. Government Paper .. | 500 | Par | 500 0 |
| | | 3½ Do. Loan 1947-50 .. | 100 | 102 12 | 102 12 |
| Messrs. Win and Co., Solicitors, on behalf of the executors of the will of the late Mr. Kassamji Ranchhodji Desai. | " Kassamji Ranchhodji Prize " at K. E. M. Hospital .. | 4 per cent. Government Loan 1960-70 .. | 9,000 | 88 0 | 7,920 0 |
| | | 3½ Do. do. 1947-50 .. | 1,000 | 100 7 | 1,004 6 |
| Dr. H. D'Sa .. . | Mrs. D'Sa Memorial Gold Medal at G. S. M. College .. | 4 per cent. Bombay Port Trust Debentures .. | 3,000 | Par | 3,000 0 |
| Mrs. Luxmibai Kane .. .. | Dr. G. W. Kane Memorial Gold Medal at G. S. M. College .. | 3½ per cent. Government Loan 1947-50 .. | 1,200 | 101 1 | 1,212 12 |
| Mr. N. Dhume .. .. | Narayan Dhume Prize at G. S. M. College .. .. | 3½ per cent. Government Paper .. .. | 1,000 | Par | 1,000 0 |
| | | Scholarships—Total carried over.. Rs. | 67,300 | | 61,973 2 |

## Appendix No. 16-C—*concluded.*

| Name of donor. | Object for which the endowment is given. | Particulars of Securities. | | | Face value. | Rate per cent. | Book value. |
|---|---|---|---|---|---|---|---|
| | | | | | Rs. | Rs. a. | Rs. a. |
| | | Scholarships—Brought forward .. Rs. | | | 67,300 | | 61,973 2 |
| | *Clothing.* | | | | | | |
| Messrs. Ardeshir Hormasji Dinshaw and Co., on behalf of the Advocate-General. | Donation for the grant of warm clothing to patients discharged from the K. E. M. Hospital out of interest realised on securities. | 3½ per cent. Government Paper 1879 | | .. | 10,000 | Par | 10,000 0 |
| | | Do. | do. 1900-01 | .. | 18,600 | Par | 18,600 0 |
| | | Do. | do. | .. | 2,000 | 98 4 | 1,965 0 |
| | | 4 per cent. Government Loan 1960-70 | | .. | 8,000 | 88 0 | 7,040 0 |
| | | Do. | do. | .. | 4,800 | 87 10 | 4,206 0 |
| | | Do. | do. | .. | 2,000 | 76 5 | 1,526 4 |
| | | 5 per cent. Loan 1939-44.. | .. | .. | 4,000 | 79 12 | 3,190 0 |
| | | Total .. Rs. | | | 49,400 | | 46,527 4 |
| | *Poor Box Charity.* | | | | | | |
| Mr. Mansukhlal Chaganlal .. | Donation towards the Poor Box Charity Fund at K. E. M. Hospital. | 4 per cent. Government Loan 1960-70 | | .. | 5,700 | 88 12 | 5,058 12 |
| ..... | Balance out of the donations received during the Influenza Epidemic invested in Securities, the interest being utilised for augmenting the Poor Box Charity Fund (Corporation Resolution No. 13650 of 12th March 1928). | Do. | do. | .. | 5,800 | 88 0 | 5,104 0 |
| | | Do. | do. | .. | 900 | 79 0 | 711 0 |
| The Estate Agent, Bombay Improvement Trust on behalf of the staff. | Donation towards the Poor Box Charity Fund .. .. | Do. | do. | .. | 200 | 88 0 | 176 0 |
| | | Total .. Rs. | | | 12,600 | | 11,049 12 |
| | | Grand Total .. Rs. | | | 1,29,300 | | 1,19,550 2 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

*Statement showing the quantity and value of several articles upon which*

| Duty collected by | Grain and pulse at 8 pies per maund. | | | Flours of all sorts at 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared at 6 pies per maund. | | | Wines and Spirits at 4 annas per gallon. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Maunds. | Seers. | Amount of Duty. | Maunds. | Seers. | Amount of Duty. | Gallons. | Pints. | Amount of Duty. |
| I. Bombay Port Trust. Months. | | | Rs. a. p. | | | Rs. a. p. | | | Rs. a. p. |
| April 1937 .. | 1,015,903 | ¾ | 42,329 4 9 | 11,446 | | 357 11 0 | 22,858 | 3¼ | 5,714 7 9 |
| May ,, .. | 1,186,202 | ¼ | 49,425 1 6 | 20,822 | | 650 11 0 | 17,099 | 4½ | 4,274 13 6 |
| June ,, .. | 990,355 | ½ | 41,264 13 0 | 21,846 | | 682 11 0 | 17,068 | 6 | 4,267 2 0 |
| July ,, .. | 805,565 | ¼ | 33,565 3 6 | 24,330 | | 760 5 0 | 12,087 | 6 | 3,021 14 0 |
| August ,, .. | 908,703 | ⅜ | 37,862 10 3 | 27,064 | | 845 12 0 | 15,509 | 3 | 3,877 5 0 |
| September ,, .. | 926,306 | ¼ | 38,596 1 6 | 22,978 | | 718 1 0 | 17,140 | 7½ | 4,285 2 6 |
| October ,, .. | 745,027 | ⅝ | 31,043 3 9 | 24,548 | | 767 2 0 | 15,996 | 8¼ | 3,999 2 9 |
| November ,, .. | 855,576 | ⅜ | 35,648 10 3 | 27,910 | | 872 3 0 | 21,384 | 5¼ | 5,346 9 9 |
| December ,, .. | 987,959 | ⅝ | 41,164 15 9 | 24,392 | | 762 4 0 | 27,979 | 4¾ | 6,994 12 3 |
| January 1938 .. | 1,038,055 | ⅛ | 43,252 4 9 | 32,404 | | 1,012 10 0 | 19,550 | ½ | 4,887 8 9 |
| February ,, .. | 985,974 | ¾ | 41,082 4 6 | 24,182 | | 755 11 0 | 15,575 | ¾ | 3,893 15 0 |
| March ,, .. | 1,390,572 | ¾ | 57,940 8 6 | 29,840 | | 932 8 0 | 23,011 | 1½ | 5,752 12 6 |
| Total .. | 11,836,202 | ¾ | 4,93,175 2 0 | 291,762 | | 9,117 9 0 | 225,262 | 3¼ | 56,315 9 9 |
| II. G. I. P. Railway. | | | | | | | | | |
| April 1937 .. | 1,043,202 | .. | 43,466 12 7 | 62 | | 1 15 0 | 38 | .. | 9 8 0 |
| May ,, .. | 663,070 | ½ | 27,627 15 0 | 6 | | 0 3 0 | 803 | 4 | 200 14 0 |
| June ,, .. | 233,494 | ½ | 9,728 15 0 | 12 | | 0 6 0 | 57,976 | 6 | 14,494 3 0 |
| July ,, .. | 202,227 | .. | 8,426 2 0 | .. | | .. | 6,512 | 2 | 1,628 0 9 |
| August ,, .. | 220,450 | ½ | 9,185 7 0 | 2 | | 0 1 0 | 1,825 | 4 | 456 6 0 |
| September ,, .. | 316,162 | ½ | 13,173 7 0 | .. | | .. | 27,349 | .. | 6,837 4 0 |
| October ,, .. | 344,347 | ½ | 14,347 13 0 | .. | | .. | 24,308 | 4 | 6,077 2 2 |
| November ,, .. | 339,921 | .. | 14,163 6 0 | .. | | .. | 16,289 | 2 | 4,072 4 7 |
| December ,, .. | 341,827 | ½ | 14,242 13 0 | .. | | .. | 29,667 | 1 | 7,416 12 5 |
| January 1938 .. | 647,733 | .. | 26,988 14 0 | .. | | .. | 14,399 | 1 | 3,599 12 5 |
| February ,, .. | 402,297 | .. | 16,762 6 0 | .. | | .. | 19,056 | 6 | 4,764 3 2 |
| March ,, .. | 382,182 | .. | 15,924 4 0 | .. | | .. | 23,791 | 7 | 5,947 15 10 |
| Total .. | 5,136,915 | .. | 2,14,038 2 7 | 82 | | 2 9 0 | 222,017 | 5 | 55,504 6 4 |
| III. B.B. & C.I. Railway. | | | | | | | | | |
| April 1937 .. | 175,929 | .. | 7,330 6 6 | | | | 453 | 6 | 113 7 0 |
| May ,, .. | 542,815 | ½ | 22,617 5 0 | | | | 220 | .. | 55 0 0 |
| June ,, .. | 421,743 | .. | 17,573 4 0 | | | | 204 | .. | 51 0 0 |
| July ,, .. | 237,769 | ½ | 9,907 1 0 | | | | 360 | .. | 90 0 0 |
| August ,, .. | 144,061 | ½ | 6,002 12 0 | | | | 406 | ¼ | 101 10 0 |
| September ,, .. | 115,362 | .. | 4,806 13 0 | | | | 379 | 4 | 94 14 0 |
| October ,, .. | 135,249 | ½ | 5,634 4 0 | | | | 410 | .. | 102 8 0 |
| November ,, .. | 151,923 | .. | 6,330 3 0 | | | | 350 | .. | 87 8 0 |
| December ,, .. | 211,288 | ½ | 8,803 12 6 | | | | 460 | .. | 115 0 0 |
| January 1938 .. | 263,658 | .. | 10,985 12 0 | | | | 556 | .. | 139 0 0 |
| February ,, .. | 198,747 | .. | 8,281 3 0 | | | | 200 | .. | 50 0 0 |
| March ,, .. | 220,884 | .. | 9,203 8 0 | | | | 412 | .. | 103 0 0 |
| Total .. | 2,819,430 | ½ | 1,17,476 4 0 | .. | .. | .. | 4,411 | 6 | 1,102 15 0 |
| Grand Total .. | 19,792,548 | ¼ | 8,24,689 8 7 | 291,844 | .. | 9,120 2 0 | 451,691 | 6¼ | 1,12,922 15 1 |
| *Deduct*—Refunds passed by the Town Duty Officer .. | 9,073,710 | .. | 3,78,071 4 0 | 960,868 | .. | 30,027 2 0 | 25,051 | ¼ | 6,362 13 0 |
| Net Revenue .. | 10,718,838 | ¼ | 4,46,618 4 7 | —669,024 | .. | —20,907 0 0 | 426,640 | 6 | 1,06,560 2 1 |

*Commission, etc., charges on General Town Duty collected by—*

| Month. | Bombay Port Trust. | G. I. P. Railway. | B. B. & C. I. Railway. | Total. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| April 1937 .. | 2,479 9 5 | 5,291 0 2 | 1,546 12 0 | 9,317 5 7 |
| May ,, .. | 2,538 0 1 | 3,913 0 6 | 1,106 3 0 | 7,557 3 7 |
| June ,, .. | 2,455 4 5 | 3,535 5 6 | 637 4 0 | 6,627 13 11 |
| July ,, .. | 2,993 1 8 | 3,294 7 4 | 1,586 12 0 | 7,874 5 0 |
| August ,, .. | 1,983 15 5 | 1,486 2 0 | 804 11 0 | 4,274 12 5 |
| September ,, .. | 2,370 2 11 | 2,115 15 6 | 569 11 0 | 5,055 13 5 |
| October ,, .. | 2,082 4 7 | 2,602 2 5 | 473 4 0 | 5,157 11 0 |
| November ,, .. | 2,403 6 0 | 2,014 0 7 | 392 5 0 | 4,809 11 7 |
| December ,, .. | 2,492 2 10 | 4,158 2 11 | 436 6 0 | 7,086 11 9 |
| January 1938 .. | 2,622 8 8 | 2,935 2 8 | 420 4 0 | 5,977 15 4 |
| February ,, .. | 2,803 9 4 | 3,654 1 7 | 513 8 0 | 6,971 2 11 |
| March ,, .. | 2,385 5 2 | 2,746 14 6 | 716 14 0 | 5,849 1 8 |
| Total .. | 29,609 6 6 | 37,746 7 8 | 9,203 14 0 | 76,559 12 2 |

M. R. TAMBE,

*Chief Accountant.*

*Town Duty was levied during* 1937-38 *under Section* 192 (1) *of the City of Bombay Municipal Act of* 1888.

| Beer at 6 pies per gallon. | | | Sugar at 8 annas per cwt. | | | Ghee and Vegetable Products at 10 annas per qr. | | Timber at 2½ per cent. on Market Value. | | Firewood at 6 annas per ton. | | | Sundries. | Total Monthly collections. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons. | Pints. | Amount of Duty. | Cwts. qrs. lbs. | Amount of Duty. | | Quarters. | Amount of Duty. | Value. | Amount of Duty. | Tons. | Mds. | Amount of Duty. | | |
| | | Rs. a. p. | | Rs. a. p. | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | Rs. a. p. | | Rs. a. p. |
| 1,28,834 | .. | 4,026 1 0 | 18,869 1 21 | 9,434 11 6 | | 14,610.9 | 9,131 13 0 | 6,50,929 12 8 | 16,273 3 11 | 6,482 | | 2,431 1 0 | | 89,698 5 11 |
| 1,24,210 | .. | 3,881 9 0 | 15,680 2 3½ | 7,840 4 3 | | 21,118.1 | 13,198 13 0 | 5,60,989 6 0 | 14,024 11 9 | 4,238 | | 1,589 8 0 | | 94,885 8 0 |
| 96,822 | .. | 3,025 11 0 | 23,444 3 7 | 11,722 6 6 | | 5,601.5 | 3,500 15 0 | 7,15,169 12 8 | 17,879 3 11 | 259 | | 97 7 0 | | 82,440 5 5 |
| 95,138 | .. | 2,973 1 0 | 11,919 0 10½ | 5,959 8 9 | | 8,588.85 | 5,368 0 6 | 4,96,363 15 4 | 12,409 1 7 | 9 | | 3 8 0 | | 64,060 10 4 |
| 83,768 | .. | 2,617 12 0 | 9,737 2 14 | 4,868 13 0 | | 17,240.7 | 10,775 7 0 | 7,17,007 14 8 | 17,925 3 2 | 26 | | 9 14 0 | | 78,782 12 5 |
| 68,754 | .. | 2,148 9 0 | 6,653 2 7 | 3,326 12 6 | | 13,353.75 | 8,346 1 2 | 5,24,756 10 8 | 13,118 6 8 | 61 | | 22 14 3 | | 70,562 0 7 |
| 1,31,552 | .. | 4,111 0 0 | 13,183 0 7 | 6,591 8 6 | | 22,741.3 | 14,213 5 0 | 7,50,470 0 0 | 18,761 12 0 | 3,810 | | 1,428 13 6 | | 80,915 15 6 |
| 1,61,198 | .. | 5,037 7 0 | 6,195 3 3½ | 3,097 14 3 | | 19,659.0 | 11,911 14 0 | 7,81,290 0 0 | 19,532 4 0 | 5,721 | .. | 2,145 6 0 | | 83,592 4 3 |
| 73,819 | .. | 2,306 9 0 | 18,273 1 14 | 9,136 11 0 | | 15,474.35 | 9,671 7 6 | 7,46,990 0 0 | 18,674 12 0 | 4,154 | | 1,557 14 9 | | 90,269 6 3 |
| 1,08,452 | .. | 3,389 2 0 | 15,070 1 3½ | 7,535 2 3 | | 16,367.825 | 10,229 14 3 | 6,41,275 6 8 | 16,031 14 2 | 4,224 | | 1,584 4 3 | | 87,922 12 5 |
| 76,368 | .. | 2,386 8 0 | 6,853 2 21 | 3,426 13 6 | | 16,154.35 | 10,096 7 6 | 9,00,595 0 8 | 22,514 14 2 | 5,346 | | 2,004 15 0 | | 86,161 8 8 |
| 1,52,630 | .. | 4,769 11 0 | 15,297 2 3½ | 7,648 12 3 | | 18,840.475 | 11,775 4 9 | 6,88,756 7 4 | 17,218 14 7 | 4,846 | | 1,817 8 9 | | 1,07,856 0 4 |
| 13,01,536 | .. | 40,673 0 0 | 1,61,178 3 3½ | 80,589 6 3 | | 1,89,151.1 | 1,18,219 6 8 | 81,74,574 12 8 | 2,04,364 5 11 | 39,181 | | 14,693 2 6 | .. | 10,17,147 10 1 |
| .. | .. | .. | 1,59,956 1 0 | 79,978 2 0 | | 8,098.9 | 5,063 1 0 | 1,390 0 0 | 34 12 0 | 122 | | 45 14 0 | | 1,28,600 0 7 |
| 54 | .. | 1 11 0 | 1,57,633 2 14 | 78,816 13 0 | | 7,095 | 4,434 6 0 | 5,430 0 0 | 135 12 0 | 65 | .. | 24 6 0 | | 1,11,242 0 0 |
| .. | .. | .. | 1,26,188 3 0 | 63,094 6 0 | | 6,069.8 | 3,793 10 6 | 3,395 0 0 | 84 14 0 | 36 | | 13 9 0 | | 91,209 15 6 |
| .. | .. | .. | 78,437 0 14 | 39,218 9 0 | | 4,460.65 | 2,787 14 6 | 1,510 0 0 | 37 12 0 | 125 | | 47 2 0 | | 52,145 8 3 |
| 46 | .. | 1 7 0 | 1,12,124 0 14 | 56,062 1 0 | | 5,621 | 3,513 2 3 | 2,277 8 0 | 56 15 0 | .. | .. | .. | | 69,275 7 3 |
| .. | .. | .. | 1,27,894 2 0 | 63,947 4 0 | | 5,361.775 | 3,351 1 9 | 1,030 0 0 | 25 12 0 | 52 | | 19 10 0 | | 87,354 6 9 |
| .. | .. | .. | 1,17,822 1 0 | 58,911 2 0 | | 7,718.5 | 4,824 1 3 | 3,225 0 0 | 80 10 0 | .. | .. | .. | | 84,240 12 5 |
| 52 | .. | 1 10 0 | 2,18,101 3 14 | 1,09,050 15 0 | | 11,011.175 | 6,881 15 9 | 1,955 0 0 | 48 14 0 | 23 | .. | 8 10 0 | | 1,34,227 11 4 |
| .. | .. | .. | 1,41,480 0 14 | 70,740 1 0 | | 14,237.15 | 8,898 3 6 | 820 0 0 | 20 8 0 | .. | .. | .. | | 1,01,318 5 11 |
| .. | .. | .. | 1,63,081 3 14 | 81,540 15 0 | | 11,856.75 | 7,410 7 6 | 27 8 0 | 0 11 0 | 202 | | 76 0 0 | | 1,19,616 11 11 |
| .. | .. | .. | 1,16,008 3 14 | 58,004 7 0 | | 14,000.9 | 8,750 9 0 | 2,485 0 0 | 62 2 0 | 3 | | 1 6 0 | | 88,345 1 2 |
| .. | .. | .. | 1,90,995 2 14 | 95,497 13 0 | | 12,537.125 | 7,835 11 3 | 1,580 0 0 | 39 8 0 | .. | .. | .. | | 1,25,245 4 1 |
| 152 | | 4 12 0 | 17,09,725 0 0 | 8,54,862 8 0 | | 1,08,068.73 | 67,544 4 3 | 25,125 0 0 | 628 2 0 | 630 | | 236 9 0 | .. | 11,92,821 5 2 |
| 8 | .. | 0 4 0 | 14,115 3 14 | 7,057 15 0 | | 10,803.9 | 6,752 7 0 | 13,275 0 0 | 331 14 0 | 3,006 | | 1,127 6 0 | .. | 22,713 11 6 |
| 706 | .. | 22 1 0 | 47,025 1 14 | 23,512 11 0 | | 6,950.8 | 4,344 4 0 | 14,090 0 0 | 352 4 0 | 2,910 | | 1,091 6 0 | .. | 51,994 15 0 |
| .. | .. | .. | 181 1 0 | 90 10 0 | | 12,246.1 | 7,653 13 0 | 6,375 0 0 | 159 6 0 | 2,656 | .. | 996 0 0 | .. | 26,524 1 0 |
| 50 | .. | 1 9 0 | 224 0 14 | 112 1 0 | | 12,053.6 | 7,533 8 0 | 7,180 0 0 | 179 8 0 | 2,209 | .. | 828 6 0 | .. | 18,652 1 0 |
| .. | .. | .. | 724 0 14 | 362 1 0 | | 11,499.7 | 7,187 5 0 | 15,205 0 0 | 382 10 0 | 4,065 | | 1,524 6 0 | .. | 15,560 12 0 |
| 22 | 4 | 0 11 3 | 369 3 14 | 184 15 0 | | 11,342.3 | 7,088 15 0 | 4,965 0 0 | 124 2 0 | 2,880 | | 1,080 4 0 | .. | 13,380 10 3 |
| .. | .. | .. | 759 3 0 | 379 14 0 | | 11,418.3 | 7,136 7 0 | 6,375 0 0 | 159 6 0 | 2,450 | | 919 0 0 | .. | 14,331 7 0 |
| 3 | .. | 0 1 6 | 73 3 0 | 36 14 0 | | 10,445.5 | 6,528 7 0 | 8,070 0 0 | 201 12 0 | 2,167 | .. | 812 10 0 | .. | 13,997 7 6 |
| 1,136 | .. | 35 8 0 | 2,515 3 0 | 1,257 14 0 | | 11,034.0 | 6,896 4 0 | 9,205 0 0 | 230 2 0 | 2,727 | | 1,022 14 0 | .. | 18,361 6 6 |
| .. | .. | .. | 5,427 3 14 | 2,713 15 0 | | 12,290.5 | 7,681 9 0 | 14,405 0 0 | 360 2 0 | 3,909 | | 1,466 0 0 | .. | 23,346 6 0 |
| .. | .. | .. | 10,665 1 14 | 5,332 11 0 | | 10,235.7 | 6,397 5 0 | 14,080 0 0 | 352 0 0 | 2,771 | .. | 1,039 2 0 | .. | 21,452 5 0 |
| .. | .. | .. | 9,518 3 0 | 4,759 6 0 | | 10,002.9 | 6,251 13 0 | 15,390 0 0 | 384 12 0 | 3,563 | | 1,336 6 0 | .. | 22,038 13 0 |
| 1,925 | 4 | 60 2 9 | 91,601 3 14 | 45,800 15 0 | | 1,30,323.3 | 81,452 1 0 | 1,28,715 0 0 | 3,217 14 0 | 35,316 | | 13,243 12 0 | .. | 2,62,353 15 9 |
| 13,03,613 | 4 | 40,737 14 9 | 19,62,505 2 17½ | 9,81,252 13 3 | | 4,27,543.13 | 2,67,215 11 11 | 83,28,414 12 8 | 2,08,210 5 11 | 75,129 | ¼ | 28,173 7 6 | .. | 24,72,322 15 0 |
| 173,204 | .. | 5,412 10 0 | 12,16,146 ⅝ 0 | 6,08,073 5 0 | | 30,508.7 | 19,067 15 0 | 5,09,475 0 0 | 12,736 14 0 | .. | .. | .. | .. | 10,59,751 15 0 |
| 11,30,409 | 4 | 35,325 4 9 | 7,46,359 2 15½ | 3,73,179 8 3 | | 3,97,035.6 | 2,48,147 12 11 | 78,18,939 12 8 | 1,95,473 7 11 | 75,129 | ¼ | 28,173 7 6 | .. | 14,12,571 0 0 |

| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| Total Collections of Town Duty for 1937-38. | | | | 24,72,322 15 0 |
| *Add*— Outstanding on 31st March 1937 due by | | | | |
| Port Trust .. .. | | 3,694 6 0 | | |
| B. B. & C. I. Railway .. .. | | 603 6 0 | | |
| G. I. P. Railway .. .. | 53,751 6 7 | | | |
| *Add*— Amount collected in 1936-37 but paid to the Municipality in 1937-38 .. | 130 13 0 | | | |
| | | 53,882 3 7 | | |
| *Deduct*— | | | | 58,179 15 7 |
| | | | | 25,30,502 14 7 |
| Outstanding balances on 31st March 1938 due by | | | | |
| Port Trust .. .. .. | | 5,313 14 0 | | |
| B. B. & C. I. Railway .. .. | | 939 8 0 | | |
| G. I. P. Railway .. .. | | 42,221 14 9 | | |
| | | | 48,475 4 9 | |
| Total amount of commission, etc., charges for the collection of Town Duty deducted at the source .. | | | 76,559 12 2 | |
| Refund paid in 1937-38 { For previous years .. | | *2,50,698 7 0 | | |
| { For 1937-38. | | *8,45,768 1 0 | | |
| | | | 10,96,466 8 0 | |
| | | | | 12,21,501 8 11 |
| Total Rs. .. | | | | *13,09,001 5 8 |

Refunds :—

Note—

Balance outstanding for 1936-37 .. Rs. 2,33,722 1 0

*Add*—

Refunds sanctioned by the Town Duty Officer for 1937-38 .. .. 10,59,751 15 0

12,93,474 0 0

*Less*—

Refunds passed for payment by the Chief Accountant .. .. 10,96,466 8 0

Balance outstanding .. Rs. 1,97,007 8 0

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

## Income of the Bombay Municipality from the year 1865

| Year. | Gross Valuation. | House Rate. | Police Rate. | Lighting Rate. | Wheel Tax and Tolls. | Licenses for trades, Land Conveyances, Music, etc. | Town Duties. | Cotton Duty | Liquor Licenses. | Pobacco Licenses. |
|---|---|---|---|---|---|---|---|---|---|---|
| | TAXATION PROPER. | | | | | | | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. |
| 1865 .. | 1,20,14,655 | 10,57,379 | | | 2,32,698 | 2,023 | 5,04,789 | | 1,45,873 | |
| 1866 .. | 1,48,94,893 | 7,16,004 | 2,93,683 | 98,417 | 3,13,330 | 2,72,665 | 5,132 | | 46,924 | 1,20,390 |
| 1867 .. | 1,63,09,535 | 9,84,068 | 4,11,040 | 1,82,849 | 2,38,178 | 2,05,536 | .... | | 1,04,808 | 1,18,426 |
| 1868 .. | 1,47,49,075 | 9,20,587 | 3,75,607 | 2,46,071 | 2,68,514 | 2,08,820 | .... | | 1,20,566 | 1,36,762 |
| 1869 .. | 1,39,41,260 | 7,99,306 | 2,59,583 | 2,48,406 | 2,57,574 | 1,50,351 | 3,03,298 | | 2,49,077 | 1,51,178 |
| 1870 .. | 1,36,20,885 | 7,22,783 | 2,37,643 | 2,46,994 | 2,50,581 | 28,147 | 5,94,989 | | 1,23,692 | 1,39,830 |
| 1871 .. | 1,34,26,845 | 6,75,489 | 2,30,409 | 2,30,256 | 2,05,521 | 7,655 | 4,51,496 | | 1,15,170 | 1,28,046 |
| 1872 .. | 1,29,33,510 | 7,09,953 | 2,41,774 | 2,41,348 | 2,04,097 | 5,862 | 4,67,638 | | 59,914 | 1,47,654 |
| 1873 .. | 1,26,71,616 | 7,01,013 | 2,37,282 | 2,37,050 | 2,16,053 | 87 | 4,46,924 | | 2,79,074 | 1,48,792 |
| 1874 .. | 1,19,65,390 | 5,94,814 | 2,29,102 | 2,27,525 | 2,48,217 | 3,908 | 4,85,649 | | 1,24,507 | 1,47,779 |
| 1875 .. | 1,15,55,066 | 5,52,738 | 2,20,569 | 2,16,632 | 2,45,274 | 594 | 6,72,987 | | 1,58,980 | 1,45,956 |
| 1876 .. | 1,12,76,710 | 5,73,458 | 2,17,684 | 2,13,094 | 2,38,487 | 2,113 | 6,36,147 | | 1,41,725 | 1,48,356 |
| 1877 .. | 1,14,77,690 | 5,47,541 | 2,20,061 | 2,14,670 | 2,44,369 | 1,948 | 7,51,019 | | 85,697 | 1,49,562 |
| | | Consolidated Rate. | | | | | | | | |
| 1878 .. | 1,15,37,118 | | 9,35,034 | | 2,14,560 | .... | 6,95,006 | | 1,60,565 | 1,52, |
| 1879 .. | 1,14,93,417 | | 10,52,773 | | 2,25,569 | 3,563 | 5,33,617 | | 1,43,750 | 1,65,0 |
| 1880 .. | 1,17,82,525 | | 8,99,634 | | 2,31,925 | 846 | 6,57,734 | | 1,43,750 | 1,61,127 |
| 1881 .. | 1,17,14,470 | @8% | 10,58,810 | | 2,14,670 | 1,502 | 6,37,482 | | 1,43,750 | 1,61,625 |
| | | | | | For 15 months, i.e., from 1st January 1882 to 31st March 1883, the calendar year | | | | | |
| 1882-83 .. | 25,80,263 | | 12,34,975 | | 4,12,027 | .... | 8,17,199 | | 1,43,750 | 2,06,014 |
| 1883-84 .. | 1,45,64,507 | @8% | 9,83,538 | | 2,55,227 | 3,417 | 6,67,113 | | 1,79,687 | 1,74,306 |
| 1884-85 .. | 1,53,82,744 | Do. | 11,80,307 | | 3,09,552 | 4,305 | 7,73,431 | | 1,43,750 | 1 72,622 |
| 1885-86 .. | 2,00,25,223 | Do. | 14,61,305 | | 3,32,485 | 4,525 | 6,79,293 | | 1,43,750 | 1,79,177 |
| 1886-87 .. | 2,16,27,230 | @8¼% | 14,88,867 | | 3,19,561 | 3,913 | 10,12,152 | | 1,43,750 | 1,90,250 |
| 1887-88 .. | 2,27,92,346 | @8% | 14,07,013 | | 3,36,993 | 4,050 | 9,96,750 | | 1,43,750 | 1,84,168 |
| 1888-89 .. | 2,39,51,043 | Do. | 14,66,024 | | 3,14,571 | 45,471 | 7,25,897 | | 1,43,750 | 1,91,297 |
| 1889-90 .. | 2,73,64,359 | Do. | 15,82,509 | | 3,25,616 | 52,792 | 6,67,065 | | 1,43,750 | 1,90,922 |
| 1890-91 .. | 2,82,27,355 | Do. | 15,64,932 | | 3,56,648 | 60,451 | 9,79,520 | | 1,43,750 | 1,80,284 |
| 1891-92 .. | 2,85,80,023 | Do. | 17,55,081 | | 3,42,973 | 75,101 | 8,40,222 | | 1,43,750 | 1,86,151 |
| 1892-93 .. | 2,64,03,982 | Do. | 17,73,501 | | 3,44,905 | 79,376 | 9,73,928 | | 1,43,750 | 1,86,703 |
| 1893-94 .. | 2,69,79,728 | Do. | 17,49,321 | | 3,51,175 | 85,817 | 8,97,256 | | 1,43,750 | 1,86,829 |
| 1894-95 .. | 2,76,13,741 | Do. | 17,49,385 | | 3,56,082 | 95,137 | 8,88,542 | | 1,43,750 | 2,05,348 |
| 1895-96 .. | 2,82,56,881 | Do. | 17,67,000 | | 3,65,525 | 96,335 | 9,10,851 | | 1,43,750 | 2,17,475 |
| 1896-97 .. | 2,89,27,618 | Do. | 17,45,829 | | 2,46,681 | 74,085 | 6,45,144 | | 1,43,750 | 1,82,867 |
| 1897-98 .. | 2,94,32,805 | Do. | 19,35,325 | | 3,46,838 | 88,663 | 9,51,424 | | 1,43,750 | 1,89,323 |
| 1898-99 .. | 2,98,53,636 | @9% | 21,06,995 | | 3,39,197 | 87,754 | 11,17,161 | | 1,43,750 | 2,08,544 |
| 1899-1900 .. | 3,05,17,091 | @12% | 28,74,389 | | 3,02,748 | 90,346 | 15,94,721 | | 1,43,750 | 2,21,338 |
| 1900-1901 .. | 3,13,75,106 | Do. | 28,94,971 | | 3,21,366 | 95,702 | 11,31,371 | | 1,43,750 | 2,16,939 |
| 1901-02 .. | 3,18,11,625 | @10% | 25,72,001 | | 3,40,747 | 92,733 | 8,62,123 | | 1,43,750 | 2,33,065 |
| 1902-03 .. | 3,18,91,400 | Do. | 25,81,510 | | 3,71,013 | 1,02,070 | 12,19,346 | | 1,43,750 | 2,44,092 |
| 1903-04 .. | 3,44,49,599 | Do. | 27,64,974 | | 3,28,070 | 1,05,511 | 11,68,973 | | 1,43,750 | 2,46,064 |
| 1904-05 .. | 3,54,15,934 | Do. | 30,26,572 | | 4,19,587 | 1,03,772 | 14,16,945 | | 1,43,750 | 2,60,744 |

## No. 18.

to close of the financial year 1937-38

| | Contribution from Insurance Companies or Fire Tax. | Total Taxation Proper. | SERVICES RENDERED. Halalkhore Tax. | SERVICES RENDERED. Water Tax. | Total services rendered. | MISCELLANEOUS. Government contribution for Police and City Improvement Trust. | MISCELLANEOUS. Returns from Property and Miscellaneous. | Total Income. | Year. | Population by Census. | Incidence of taxation per head of population. | Five years' average annual income. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | | Rs. a. p. | Rs. |
| | | 19,42,762 | | 1,78,719 | 1,78,719 | | 2,42,306 | 23,63,787 | 1865 | 816,562 | 2 9 6 | |
| | | 18,76,545 | 1,92,852 | 6,49,121 | 8,41,973 | | 2,06,154 | 29,14,672 | 1866 | | 3 5 1 | |
| | | 22,44,905 | 1,45,824 | 3,73,006 | 5,18,830 | 1,50,000 | 1,26,789 | 30,40,524 | 1867 | | 3 6 1 | 31,12,976 |
| | | 22,76,927 | 3,91,454 | 4,98,377 | 8,89,831 | 2,60,129 | 4,25,787 | 38,52,674 | 1868 | | 3 14 0 | |
| | | 24,18,773 | 2,80,562 | 3,62,998 | 5,93,560 | 1,09,882 | 2,71,011 | 33,93,226 | 1869 | | 3 11 0 | |
| | | 23,44,659 | 2,13,197 | 3,66,986 | 5,80,183 | 1,09,882 | 2,73,025 | 33,07,749 | 1870 | | 3 9 3 | |
| | | 20,44,042 | 1,99,986 | 3,57,578 | 5,57,564 | | 2,69,554 | 28,71,160 | 1871 | | 3 2 11 | |
| | | 20,78,240 | 2,17,071 | 4,07,835 | 6,24,906 | | 3,45,185 | 30,48,331 | 1872 | 644,405 | 4 8 1 | 31,06,534 |
| | | 20,66,275 | 2,00,590 | 4,00,639 | 6,01,229 | | 4,56,604 | 33,24,108 | 1873 | | 4 7 2 | |
| | 16,519 | 20,78,020 | 1,92,235 | 3,63,087 | 5,55,322 | | 3,47,980 | 29,81,322 | 1874 | | 4 1 4 | |
| | 14,355 | 22,28,085 | 1,94,215 | 3,00,212 | 4,94,427 | 90,000 | 3,31,014 | 31,43,526 | 1875 | | 4 3 7 | |
| | 13,921 | 21,84,986 | 2,04,077 | 3,08,377 | 5,12,454 | 90,000 | 3,90,283 | 31,77,723 | 1876 | | 4 2 11 | |
| | 19,164 | 22,34,031 | 2,01,299 | 3,11,823 | 5,13,122 | 90,000 | 4,04,299 | 32,41,452 | 1877 | | 4 4 2 | |
| | | | | | | | | | | | | 32,09,805 |
| | 22,573 | 21,79,968 | 1,95,380 | 2,92,780 | 4,88,160 | 90,000 | 3,87,025 | 31,45,153 | 1878 | | 4 2 2 | |
| | 20,761 | 21,45,062 | 2,42,015 | 3,54,798 | 5,96,813 | 90,000 | 5,09,299 | 33,41,174 | 1879 | | 4 4 0 | |
| | 23,911 | 21,18,977 | 2,03,047 | 3,90,703 | 5,93,750 | 75,000 | 4,64,173 | 32,51,870 | 1880 | | 4 6 5 | |
| | 24,059 | 22,59,094 | 2,81,805 | 5,24,819 | 8,06,624 | 50,000 | 7,57,976 | 38,73,694 | 1881 | 773,196 | 3 15 5 | |
| being changed to the financial year the income was as follows:— | | | | | | | | | | | | 39,37,842 |
| | 32,000 | 28,45,995 | 3,28,916 | 6,70,677 | 9,99,593 | 91,125 | 6,75,575 | 46,19,240 | 1882-83 | | 4 15 6 | |
| | 24,708 | 22,87,996 | 2,43,557 | 5,47,647 | 7,91,204 | 85,672 | 5,72,400 | 37,37,272 | 1883-84 | | 3 15 8 | |
| | 25,517 | 25,83,967 | 2,89,616 | 5,96,128 | 8,85,739 | 90,000 | 6,54,162 | 42,13,868 | 1884-85 | | 4 7 9 | |
| | 29,914 | 28,30,449 | 3,16,787 | 6,65,370 | 9,82,157 | 90,000 | 5,71,367 | 44,73,973 | 1885-86 | | 4 14 10 | |
| | 29,776 | 31,88,299 | 3,18,630 | 7,74,651 | 10,93,281 | | 6,20,214 | 49,01,814 | 1886-87 | | 5 8 7 | |
| (a) Fire tax | 7,857 | 31,10,581 | 3,72,258 | 8,83,724 | 12,55,982 | | 7,99,967 | 51,66,530 | 1887-88 | | 5 10 4 | 49,70,136 |
| @½% | 34,708 | 29,21,718 | 3,90,039 | 9,63,804 | 13,53,843 | | 6,90,632 | 49,66,193 | 1888-89 | | 5 8 5 | |
| | (a) 79,187 | 30,41,841 | 4,73,919 | 11,23,006 | 15,96,925 | | 7,03,103 | 53,42,169 | 1889-90 | | 5 15 11 | |
| @½% | 1,25,345 | 34,10,930 | 5,27,222 | 11,49,198 | 16,76,420 | | (a) 10,78,551 | 61,65,901 | 1890-91 | | 6 9 3 | |
| Do. | 1,64,263 | 35,07,542 | 5,55,877 | 11,81,429 | 17,37,306 | | 9,88,335 | 62,33,183 | 1891-92 | 821,764 | 6 6 1 | |
| Do. | 1,65,838 | 36,68,001 | 6,22,200 | 14,07,081 | 20,29,281 | | 9,75,661 | 66,72,943 | 1892-93 | | 6 14 11 | 64,74,819 |
| @½% | 1,10,504 | 35,24,652 | 5,82,026 | 13,06,828 | 18,88,854 | | (b) 13,69,189 | 67,62,695 | 1893-94 | | 6 9 0 | |
| Do. | 1,09,325 | 35,47,569 | 6,81,557 | 13,88,265 | 20,69,822 | | 9,21,981 | 65,39,372 | 1894-95 | | 6 13 4 | |
| Do. | 1,10,437 | 36,11,373 | 6,57,812 | 14,42,895 | 21,00,707 | | (c) 10,49,630 | 67,61,710 | 1895-96 | | 6 15 2 | |
| Do. | 1,09,138 | 31,47,494 | 6,88,486 | 13,98,410 | 20,86,896 | | 9,74,588 | 62,08,978 | 1896-97 | | 6 5 10 | |
| Do. | 1,20,961 | 37,76,284 | 7,35,485 | 13,29,852 | 20,65,337 | | (d) 13,03,939 | 71,45,560 | 1897-98 | | 7 1 8 | 72,21,595 |
| Do. | 1,17,219 | 41,20,620 | 7,13,122 | 15,00,970 | 22,14,092 | | 8,27,199 | 71,61,911 | 1898-99 | | 7 11 4 | |
| Do. | 1,20,127 | 53,47,419 | 7,25,264 | 17,72,967 | 24,98,231 | | 9,84,167 | 88,29,817 | 1899-1900 | | 9 8 9 | |
| Do. | 1,20,647 | 49,24,736 | 7,14,440 | 17,35,635 | 24,50,075 | | 10,28,037 | 84,02,848 | 1900-01 | | 8 15 7 | |
| Do. | 1,27,570 | 43,71,989 | 7,88,439 | 15,47,120 | 23,35,559 | | 10,59,181 | 77,66,729 | 1901-02 | 776,006 | 8 10 3 | |
| Do. | 1,29,049 | 47,90,830 | 7,95,984 | 15,13,976 | 23,09,960 | | 10,74,898 | 81,75,688 | 1902-03 | | 9 2 4 | 84,32,800 |
| Do. | 1,38,163 | 49,59,505 | 8,10,610 | 15,71,566 | 23,82,176 | | 11,40,944 | 84,82,625 | 1903-04 | | 9 7 4 | |
| Do. | 1,51,302 | 55,22,670 | 8,75,194 | 17,14,453 | 25,89,647 | | 12,23,794 | 93,36,111 | 1904-05 | | 10 7 3 | |

(a) Includes Rs. 2,32,544 for arrear recoveries for work done.
(b) Rs. 4,58,699 adjusted on account of permia on loans.
(c) Includes premia of Rs. 97,749 on loan raised.
(d) Includes rebate of Plague expenses amounting to Rs .4,87,855.

# Appendix

| Year. | Gross Valuation. | House Rate. | Police Rate. | Wheel Tax and Tolls. | Licenses for trades, Land Conveyances, Music, etc. | Town Duties. | Cotton Duty. | Liquor Licenses. | Tobacco Licenses. |
|---|---|---|---|---|---|---|---|---|---|
| | | TAXATION PROPER. | | | | | | | |
| | Rs. | Rs. Consolidated Rate | Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. |
| 1905-06 .. | 3,81,90,177 | @8⅝% | 27,55,778 | 4,48,343 | 98,923 | 11,68,450 | | 1,43,750 | 2,72,779 |
| 1906-07 .. | 4,14,48,901 | Do. | 29,58,345 | 4,42,749 | 1,03,221 | 13,34,074 | | 1,43,750 | 2,65,828 |
| 1907-08 .. | 4,42,79,940 | @8% | 29,74,517 | 4,29,892 | 1,06,284 | 13,90,203 | | 1,43,750 | 2,80,355 |
| 1908-09 .. | 4,68,75,766 | Do. | 31,47,349 | 4,79,857 | 1,19,278 | 12,96,320 | | 1,43,750 | 2,78,890 |
| 1909-10 .. | 4,94,44,957 | @9⅛% | 38,05,916 | 5,01,553 | 97,754 | 14,23,491 | | 1,43,750 | 2,80,614 |
| 1910-11 . | 5,20,51,478 | @10⅛% | 43,61,660 | 4,72,198 | 99,314 | 16,86,660 | Levied for the first time from 1st January 1921. | 1,43,750 | 2,59,907 |
| 1911-12 .. | 5,36,02,464 | Do. | 47,42,693 | 4,69,487 | 1,13,777 | 12,47,097 | | 1,43,750 | 2,78,896 |
| 1912-13 .. | 5,51,71,773 | Do. | 47,18,833 | 5,23,522 | 1,21,773 | 17,42,131 | | 1,43,750 | 2,83,526 |
| 1913-14 .. | 5,79,47,463 | @9½% | 46,41,022 | 5,61,500 | 1,29,771 | 17,30,637 | | 1,43 750 | 2,91,283 |
| 1914-15 .. | 5,98,41,390 | Do. | 48,49,431 | 5,19,818 | 1,27,640 | 9,32,310 | | 1,43,750 | 2,92,036 |
| 1915-16 .. | 6,34,16,191 | Do. | 52,31,267 | 5,18,773 | 1,27,587 | 20,19,097 | | 1,43,750 | 3,04,644 |
| 1916-17 .. | 6,54,13,855 | Do. | 52,16,432 | 5,61,416 | 1,31,072 | 18,70,385 | | 1,43,755 | 3,52,877 |
| 1917-18 .. | 6,80,28,001 | Do. | 54,75,264 | 5,86,976 | 1,58,940 | 20,40,305 | | 1,43,750 | 3,71,291 |
| 1918-19 .. | 8,29,75,130 | Do. | 72,19,049 | 6,04,640 | 1,53,340 | 19,54,583 | | 1,43,750 | 3,86,009 |
| 1919-20 .. | 8,58,18,734 | Do. | 74,65,411 | 6,11,812 | 1,66,515 | 21,08,440 | | 1,43,750 | 4,16,261 |
| 1920-21 .. | 9,32,34,165 | Do. | 74,88,793 | 7,33,766 | 1,68,785 | 21,19,082 | 77,100 | 1,43,750 | 4,41,881 |
| 1921-22 .. | 10,37,70,215 | Do. | 84,79,101 | 7,85,667 | 1,69,188 | 21,39,675 | 14,92,152 | 1,43,750 | 3,78,981 |
| 1922-23 .. | 11,25,08,688 | @11% | 1,04,91,115 | 12,15,390 | 1,74,981 | 16,90,573 | 16,23,024 | 1,43,750 | 3,81,343 |
| 1923-24 .. | 12,64,47,414 | Do. | 1,11,11,263 | 10,72,941 | 5,29,030 | 16,31,076 | 15,39,712 | 1,43,750 | 3,85,106 |
| 1924-25 .. | 12,71,95,123 | Do. | 1,22,50,837 | 12,09,720 | 2,58,687 | 18,76,806 | 13,09,466 | 1,43,750 | 3,74,296 |
| 1925-26 .. | 13,15,65,275 | Do. | 1,23,22,099 | 12,46,683 | 3,73,115 | 14,54,259 | 14,92,427 | 1,43,750 | 3,72,156 |
| 1926-27 .. | 13,70,60,569 | Do. | 1,27,10,850 | 10,61,576 | 2,32,848 | 16,67,980 | 11,30,500 | 1,43,750 | 3,84,385 |
| 1927-28 .. | 13,96,74,939 | Do. | 1,26,61,950 | 11,63,926 | 3,28,853 | 14,38,817 | 11,34,083 | 1,43,750 | 3,98,366 |
| 1928-29 .. | 14,16,41,656 | Do. | 1,26,09,968 | 10,19,412 | 1,29,378 | 15,46,677 | 13,37,095 | 1,43,750 | 3,76,440 |
| 1929-30 .. | 14,79,63,078 | Do. | 1,27,10,958 | 12,71,765 | 1,33,550 | 13,71,364 | 15,40,191 | 1,43,750 | 3,92,339 |
| 930-31 .. | 15,00,14,383 | Do. | 1,29,50,689 | 10,83,448 | 1,55,650 | 16,38,968 | 12,65,114 | 1,43,750 | 3,71,452 |
| 1931-32 .. | 14,64,68,460 | Do. | 1,29,37,243 | 10,58,141 | 1,58,166 | 11,59,129 | 7,37,367 | 1,43,750 | 4,19,347 |
| 1932-33 . | 14,41,33,933 | Do. | 1,20,42,747 | 10,70,340 | 1,71,385 | 11,27,188 | 8,28,856 | 1,43,750 | 3,50,771 |
| 1933-34 .. | 14,32,51,802 | Do. | 1,22,45,281 | 10,57,393 | 1,69,759 | 14,02,738 | 8,86,189 | 1,43,750 | 2,54,247 |
| 1934-35 .. | 14,54,15,785 | @ 12% | 1,33,68,984 | 11,46,683 | 1,78,149 | 13,87,977 | † 758 | 1,43,750 | 3,65,150 |
| 1935-36 .. | 14,72,00,410 | Do. | 1,28,88,990 | 11,13,357 | 1,82,301 | 14,77,756 | | 1,43,750 | 3,28,225 |
| 1936-37 .. § | Ratable value 13,31,56,299 | @ 11% | 1,26,18,595 | 10,74,038 | 1,92,968 | 14,48,130 | | 1,43,750 | 3,93,000 |
| 1937-38 .. | 13,62,69,866 | Do. | 1,25,73,931 | 14,29,080 | 1,93,564 | 13,09,001 | | 1,43,750 | 4,14,250 |

§ As per S. C. R. No. 646 dated the 3rd October 1935.

† Abolished with effect from 1-4-1934.

M. R. TAMBE,
*Chief Accountant.*

**No. 18**—*concluded.*

| | Contribution from Insurance Companies or Fire Tax. | Total Taxation Proper. | Services Rendered. Halalkhore Tax. | Services Rendered. Water Tax. | Total services rendered. | Miscellaneous. | Returns from Property and Miscellaneous. | Total Income. | Year. | Population by Census. | Incidence of taxation per head of population. | Five years' average annual income. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | | | Rs. a. p. | Rs. |
| @$\frac{3}{8}$% | 1,20,057 | 50,06,080 | 9,32,655 | 18,57,780 | 27,90,435 | | 12,96,024 | 90,92,539 | 1905-06 | | 10 0 9 | |
| Do. | 1,28,631 | 53,76,598 | 9,91,362 | 19,38,429 | 29,29,791 | | 13,42,112 | 96,48,501 | 1906-07 | | 8 7 10 | |
| Do. | 1,39,329 | 54,64,330 | 10,46,874 | 19,48,830 | 29,95,704 | | 14,29,290 | 98,89,324 | 1907-08 | 977,822 | 8 10 5 | 1,00,26,055 |
| Do. | 1,47,522 | 56,12,966 | 11,19,322 | 20,04,189 | 31,23,411 | | 15,49,671 | 1,02,86,048 | 1908-09 | | 8 14 11 | |
| Do. | 1,63,267 | 64,16,245 | 11,92,349 | 20,11,788 | 32,04,134 | | 15,93,485 | 1,12,13,864 | 1909-10 | | 9 13 5 | |
| @$\frac{1}{2}$% | 2,15,094 | 72,38,583 | 12,32,951 | 19,95,327 | 32,28,278 | | 17,29,288 | 1,21,96,149 | 1910-11 | | 10 11 0 | |
| Do. | 2,33,627 | 72,29,327 | 12,92,697 | 20,79,120 | 33,71,817 | | 20,54,645 | 1,26,55,789 | 1911-12 | 979,445 | 10 13 2 | |
| Do. | 2,33,029 | 77,66,564 | 13,50,833 | 21,70,948 | 35,21,781 | | 14,53,244 | 1,27,41,589 | 1912-13 | | 11 8 5 | 25,76,679 |
| Do. | 2,44,283 | 77,42,246 | 13,85,128 | 22,85,434 | 36,70,562 | | (e) 14,63,693 | 1,28,76,501 | 1913-14 | | 11 10 5 | |
| @$\frac{3}{8}$% | 1,92,048 | 70,57,003 | 14,17,648 | 22,16,012 | 36,33,660 | | 17,22,703 | 1,24,13,366 | 1914-15 | | 10 14 8 | |
| Do. | 2,06,494 | 85,51,602 | 14,68,587 | 23,23,021 | 37,91,608 | | 14,87,860 | 1,38,31,070 | 1915-16 | | 12 9 8 | |
| Do. | 2,05,911 | 84,51,793 | 15,25,637 | 24,71,834 | 39,97,471 | | 15,69,475 | 1,40,48,789 | 1916-17 | | 12 11 11 | |
| Do. | 2,16,180 | 89,98,666 | 16,18,123 | 26,97,720 | 43,10,843 | | 15,25,888 | 1,48,29,386 | 1917-18 | | 13 9 4 | 1,55,80,061 |
| Do | 2,84,962 | 1,07,46,383 | 16,84,068 | 29,77,602 | 48,11,670 | | 18,16,181 | 1,73,74,184 | 1918-19 | | 15 14 2 | |
| Do. | 2,92,625 | 1,11,99,814 | 19,39,162 | 30,93,308 | 50,32,470 | | 20,84,643 | 1,83,16,927 | 1919-20 | | 16 9 2 | |
| Do. | 2,95,541 | 1,17,68,705 | 21,33,991 | 33,31,036 | 54,65,028 | | 29,09,465 | 2,01,43,197 | 1920-21 | | 14 10 3 | |
| Do. | 3,34,372 | 1,39,22,196 | 23,74,567 | 36,18,899 | 59,93,766 | | 32,31,047 | 2,31,47,009 | 1921-22 | 1,175,914 | 16 15 3 | |
| @$\frac{1}{2}$% | 4,75,604 | 1,61,95,879 | 26,47,245 | 48,48,252 | 74,95,497 | | 30,62,387 | 2,67,53,463 | 1922-23 | | 20 2 4 | 2,56,36,060 |
| Do. | 5,16,189 | 1,67,29,007 | 28,65,950 | 53,67,314 | 82,33,264 | | 29,59,288 | 2,79,21,509 | 1923-24 | | 21 1 2 | |
| Do. | 5,69,137 | 1,79,92,651 | 32,16,928 | 57,80,371 | 89,96,699 | | 32,25,771 | 3,02,15,121 | 1924-25 | | 22 13 5 | |
| Do. | 5,63,030 | 1,79,67,468 | 32,29,397 | 65,06,480 | 97,35,877 | | 28,28,014 | 3,05,31,359 | 1925-26 | | 23 5 9 | |
| Do. | 5,88,106 | 1,79,19,995 | 32,45,007 | 73,73,602 | 1,06,18,609 | | 35,97,093 | 3,21,35,697 | 1926-27 | | 24 2 3 | |
| Do. | 5,84,350 | 1,78,54,095 | 32,96,001 | 68,54,362 | 1,01,50,363 | | 37,03,330 | 3,17,08,288 | 1927-28 | | 23 9 10 | 3,18,09,765 |
| Do. | 5,72,933 | 1,77,35,653 | 32,10,243 | 64,18,596 | 96,28,839 | | 41,68,891 | 3,15,33,383 | 1928-29 | | 23 4 4 | |
| Do. | 5,76,562 | 1,81,40,479 | 33,37,083 | 69,68,049 | 1,03,05,132 | | 46,94,487 | 3,31,40,098 | 1929-30 | | 24 3 1 | |
| Do. | 5,87,877 | 1,81,97,148 | 32,28,684 | 64,42,981 | 96,71,665 | | 41,77,859 | 3,20,46,672 | 1930-31 | 1,161,383 | 24 1 2 | |
| Do. | 5,88,148 | 1,72,01,291 | 32,61,662 | 63,97,023 | 96,58,685 | | 50,54,200 | 3,19,14,176 | 1931-32 | | 23 2 0 | |
| Do. | 5,48,757 | 1,62,83,794 | 30,78,239 | 63,86,907 | 94,65,146 | | 42,53,441 | 3,00,02,381 | 1932-33 | | 22 2 9 | 3,14,62,46 |
| Do. | 5,56,824 | 1,67,16,181 | 30,88,965 | 62,98,417 | 93,87,382 | | 53,12,408 | 3,14,15,971 | 1933-34 | | 22 7 7 | |
| Do. | 5,58,891 | 1,71,50,342 | 31,48,555 | 63,27,589 | 94,76,144 | | 53,06,620 | 3,19,33,106 | 1934-35 | | 22 14 10 | |
| Do | 5,37,641 | 1,66,72,020 | 30,08,828 | 67,05,265 | 97,14,093 | | 59,90,340 | 3,23,76,453 | 1935-36 | | 22 11 6 | |
| Do. | 5,68,933 | 1,64,39,414 | 32,10,543 | 70,15,634 | 1,02,26,177 | | 53,92,638 | 3,20,58,229 | 1936-37 | | 22 15 4 | |
| Do. | 5,72,309 | 1,66,35,885 | 33,39,105 | 75,14,123 | 1,08,53,228 | | 55,27,305 | 3,30,16,418 | 1937-38 | | 23 10 8 | |

(e) Exclusive of the amount of interest realized on Sinking Funds which was hitherto treated as Income.

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

Expenditure of the Bombay Municipality from the

| Year. | General Superintendence. | Assessment and Collection. | Fire Brigade. | Public Works (Engineering) Department. | Public Health Department. | General Stores. | Pensions and Gratuities and Provident Fund. | Police Charges. | Education. | Medical Relief. | Debt. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1865 . | 94,354 | 1,26,472 | Not traceable. | 31,52,722 | 8,15,914 | Not traceable. | 845 | 1,41,931 | | | |
| 1866 .. | 1,31,622 | 58,638 | | 13,32,917 | 14,40,293 | | 14,430 | 3,96,169 | | | 20,554 |
| 1867 .. | 61,337 | 71,531 | | 17,38,626 | 14,26,321 | | 2,580 | 4,25,423 | | | 73,860 |
| 1868 . | 70,990 | 87,602 | 22,708 | 12,29,594 | 10,45,862 | 9,012 | 3,733 | 4,17,063 | | | 2,19,977 |
| 1869 . | 1,09,879 | 1,25,631 | 23,318 | 12,51,429 | 8,57,425 | 8,312 | 5,634 | 3,25,637 | | | 3,81,268 |
| 1870 . | 1,32,202 | 1,12,498 | 30,896 | 13,73,987 | 8,29,784 | 8,046 | 10,354 | 4,24,905 | | | 4,46,187 |
| 1871 .. | 1,22,858 | 1,12,851 | 31,261 | 16,11,527 | 7,84,465 | 6,482 | 7,758 | 5,90,579 | 7,948 | | 4,75,704 |
| 1872 .. | 1,15,930 | 1,38,354 | 34,435 | 12,88,987 | 7,81,854 | | 7,221 | 3,27,209 | 9,321 | | 2,52,871 |
| 1873 .. | 1,16,575 | 1,41,308 | 20,546 | 10,70,919 | 7,96,880 | | 6,996 | 3,40,892 | 10,000 | | 3,06,270 |
| 1874 .. | 1,11,860 | 1,29,023 | 25,316 | 10,53,829 | 7,38,139 | | 8,090 | 2,44,325 | 10,000 | | 3,69,023 |
| 1875 .. | 1,13,902 | 1,36,708 | 20,063 | 9,90,091 | 7,42,958 | | 8,691 | 3,32,920 | 10,000 | 36,000 | 7,15,561 |
| 1876 .. | 1,09,189 | 1,42,267 | 37,754 | 9,70,195 | 7,07,681 | | 11,157 | 3,57,734 | 10,000 | 36,000 | 7,09,127 |
| 1877 .. | 1,10,164 | 1,43,672 | 24,193 | 8,96,548 | 7,49,550 | | 8,301 | 3,54,535 | 10,000 | 36,000 | 6,27,782 |
| 1878 . | 1,15,597 | 1,44,467 | 27,517 | 8,13,057 | 7,90,481 | | 8,008 | 3,61,581 | 15,000 | 36,000 | 8,66,223 |
| 1879 .. | 1,21,997 | 1,34,372 | 23,980 | 8,35,687 | 8,04,295 | | 12,084 | 3,64,304 | 17,000 | 36,000 | 6,91,903 |
| 1880 .. | 1,28,492 | 1,37,726 | 24,800 | 8,86,191 | 7,52,410 | | 7,749 | 3,52,166 | 17,500 | 36,000 | 6,42,886 |
| 1881 .. | 1,28,951 | 1,52,107 | 25,242 | 9,16,65 | 7,98,021 | | 8,608 | 3,57,752 | 17,500 | 20,435 | 7,47,209 |
| | | | | | | For 15 months, i.e., from 1st January 1882 to 31st March 1883, the calendar | | | | | |
| 1882-83 . | 1,82,715 | 1,87,858 | 73,685 | 14,01,108 | 10,14,785 | | 12,803 | 4,54,034 | 28,125 | 34,948 | 12,28,882 |
| 1883-84 .. | 2,01,021 | 1,48,317 | 55,389 | 10,55,338 | 9,16,816 | | 40,333 | 3,62,508 | 22,500 | 27,832 | 8,12,061 |
| 1884-85 . | 1,65,258 | 1,64,917 | 64,977 | 11,51,551 | 9,19,967 | | 23,293 | 3,61,748 | 22,500 | 34,512 | 7,37,608 |
| 1885-86 . | 1,66,827 | 1,84,717 | 43,854 | 12,34,529 | 3,96,607 | | 18,318 | 3,59,223 | 23,700 | 31,349 | 7,87,527 |
| 1886-87 . | 1,78,060 | 2,17,134 | 70,904 | 13,03,859 | 10,10,118 | | 19,133 | 2,61,914 | 32,804 | 48,356 | 8,93,553 |
| 1887-88 .. | 1,70,945 | 2,12,138 | 69,670 | 13,64,393 | 10,75,735 | | 30,531 | 2,61,348 | 1,34,715 | 40,758 | 23,27,682 |
| 1888-89 . | 1,69,223 | 1,98,820 | 1,12,328 | 14,91,041 | 11,56,410 | | 19,470 | 2,59,140 | 50,982 | 36,857 | 14,90,115 |
| 1889-90 .. | 1,77,133 | 1,92,643 | 93,907 | 13,62,241 | 11,96,577 | | 29,139 | 2,58,285 | 60,358 | 35,246 | 14,85,711 |
| 1890-91 .. | 1,82,198 | 2,23,854 | 1,29,291 | 15,92,034 | 13,02,064 | | 32,117 | 2,58,285 | 68,646 | 38,601 | 15,52,139 |
| 1891-92 .. | 1,91,028 | 2,41,902 | 88,671 | 15,92,073 | 12,92,529 | | 33,890 | 2,58,285 | 80,722 | 50,284 | 16,37,405 |
| 1892-93 .. | 1,90,926 | 2,52,123 | 1,47,694 | 17,72,512 | 13,01,563 | | 29,845 | 3,63,625 | 87,565 | 49,576 | 21,97,233 |
| 1893-94 .. | 2,29,517 | 2,42,413 | 1,06,315 | 15,41,703 | 13,39,614 | | 37,500 | 3,80,272 | 88,015 | 52,476 | 21,27,457 |
| 1894-95 .. | 2,11,621 | 2,47,771 | 1,14,144 | 16,67,335 | 13,76,168 | | 46,568 | 3,74,022 | 87,290 | 61,456 | 20,26,571 |
| 1895-96 .. | 1,99,317 | 2,40,990 | 1,15,991 | 17,31,317 | 13,75,237 | | 48,452 | 5,01,096 | 88,481 | 56,260 | 21,19,651 |
| 1896-97 . | 1,99,641 | 2,48,159 | 1,07,654 | 15,55,649 | 14,09,567 | | 58,601 | 5,51,589 | 88,889 | 53,101 | 20,56,122 |
| 1897-98 .. | 2,14,792 | 2,50,483 | 1,18,508 | 16,10,387 | 15,86,633 | | 70,096 | 5,00,000 | 1,02,624 | 54,283 | 22,60,571 |
| 1898-99 . | 2,10,380 | 2,57,182 | 1,09,076 | 14,19,617 | 16,39,174 | | 56,366 | 5,01,013 | 1,14,776 | 55,201 | 2,41,138 |
| 1899-1900 .. | 1,97,643 | 2,72,850 | 1,17,098 | 16,01,898 | 20,30,444 | | 66,084 | 5,00,000 | 1,11,990 | 54,997 | 23,40,269 |

* Combined with Controller's Office.

# No. 19.

year 1865 to the year 1937-38.

| Public Gardens. | Stores, Plant and Live Stock. | Municipal Building Fund. | Road Improvement Fund. | Investments Fund. | Plague Expenses. | Miscellaneous. | Total. | Year. | Five years' average annual expenditure. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | Rs. |
| | 5,10,250 | | | | | 1,17,345 | 49,59,333 | 1865 | |
| | 82,059 | | | | | 1,25,240 | 36,01,922 | 1866 | |
| | 2,70,545 | | | | | 1,49,423 | 42,16,346 | 1867 | 38,77,203 |
| | 3,32,722 | | | | | 37,775 | 34,77,058 | 1868 | |
| | | | | | | 42,665 | 31,31,353 | 1869 | |
| | | | | | | 23,416 | 33,92,185 | 1870 | |
| | | | | | | 53,213 | 38,04,661 | 1871 | |
| 27,273 | | | | | | (a) 1,57,383 | 31,15,888 | 1872 | 32,69,595 |
| 11 857 | | | | | | 22,354 | 30,44,577 | 1873 | |
| 14,473 | | | | | | 46,645 | 29,90,693 | 1874 | |
| 18,282 | | | | | | (b) 1,19,951 | 32,65,027 | 1875 | |
| 21,638 | | | | | | 47,696 | 31,60,438 | 1876 | |
| 20,221 | | | | | | 55,559 | 30,36,535 | 1877 | 31,68,869 |
| 21,190 | | | | | | 71,103 | 32,70,224 | 1878 | |
| 17,709 | | | | | | 51,791 | 31,11,122 | 1879 | |
| 20,756 | | | | | | 44,321 | 30,57,992 | 1880 | |
| 19,463 | | 2,50,000 | | | | (c) 3,52,535 | 37,98,872 | 1881 | |
| year being changed to the financial year, the expenditure was:— | | | | | | | | | 38,41,468 |
| 25,969 | | 50,000 | 13,000 | | | 38,740 | 47,53,632 | 1882-83 | |
| 20,263 | | 20,000 | | | | 33,934 | 37,15,812 | 1883-84 | |
| 22,738 | | 801 | | | | (d) 2,11,150 | 38,81,020 | 1884-85 | |
| 23,864 | | 99,199 | | | | 98,226 | 40,66,940 | 1885-86 | |
| 38,328 | | 49,779 | | | | 57,562 | 41,73,362 | 1886-87 | |
| 42,123 | | 50,221 | | | | 32,436 | 58,12,690 | 1887-88 | 48,59,951 |
| 48,939 | | 55,577 | | | | (e) 1,12,316 | 52,01,258 | 1888-89 | |
| 65,153 | | 24,459 | | 3,000 | | 53,553 | 50,42,405 | 1889-90 | |
| 87,903 | | 28,907 | | 3,113 | | (f) 1,85,807 | 56,84,861 | 1890-91 | |
| 77,225 | | 27,905 | | 3,274 | | 2,07,780 | 57,32,073 | 1891-92 | |
| 96,964 | | | | 3,386 | | 52,566 | 65,45,512 | 1892-93 | 62,69,972 |
| (f) 2,80,453 | | | | 5,84,272 | | 23,321 | 69,63,928 | 1893-94 | |
| 93,969 | | | | 44,085 | | 28,485 | 63,72,486 | 1894-95 | |
| 64,028 | | | | 1,46,180 | | 15,519 | 67,02,516 | 1895-96 | |
| 60,312 | | | | 1,42,601 | 4,37,055 | 35,503 | 70,04,743 | 1896-97 | |
| 71,447 | | | | 36,478 | 5,00,000 | 1,20,712 | 74,96,969 | 1897-98 | 71,87,147 |
| 74,959 | | | | 37,425 | —5,00,000 | (g) { 8,12,546 19,673 } | 73,39,026 | 1898-99 | |
| 75,250 | | | | 35,316 | —43,694 | 32,385 | 73,92,480 | 1899-1900 | |

(a) Includes write-off of loss in stores of Rs. 1,45,993.

(b) Includes Rs. 50,000 for visit of H. R. H. the Prince of Wales.

(c) Includes special adjustment of Rs. 3,24,827 for arranging the different loan fund.

(d) Includes loss of Rs. 1,84,774 on the sale of the Panwel Brick Factory.

(e) Includes Rs. 62,049 for loss on sale of investments.

(f) Includes Rs. 1,94,565 for land acquired.

(g) Write-off on account of frontage lands at Agripada.

# Appendix

| Year. | General Superintendence. | Assessment and Collection. | Fire Brigade. | Public Works (Engineering) Department. | Public Health Department. | General Stores. | Pensions and Gratuities and Provident Fund. | Police Charges. | Education. | Medical Relief. | Debt. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1900-01 .. | 2,28,044 | 3,26,719 | 1,18,639 | 17,01,178 | 21,68,479 | | 75,929 | 6,02,455 | 1,11,930 | 58,977 | 25,03,211 |
| 1901-02 .. | 2,13,036 | 2,94,004 | 1,21,728 | 15,71,437 | 20,07,064 | | 56,440 | 5,00,022 | 1,12,513 | 57,000 | 26,56,565 |
| 1902-03 .. | 2,16,767 | 2,92,939 | 1,10,182 | 15,90,956 | 20,05,939 | | 66,852 | 5,97,504 | 1,10,474 | 56,290 | 27,11,361 |
| 1903-04 .. | 2,34,069 | 2,99,459 | 1,24,119 | 16,65,761 | 19,79,374 | | 57,487 | 5,00,381 | 1,12,858 | 54,625 | 29,18,567 |
| 1904-05 .. | 2,29,315 | 3,18,017 | 1,34,282 | 18,81,039 | 18,46,402 | 15,904 | 74,334 | 5,01,076 | 1,59,763 | 57,000 | 28,33,563 |
| 1905-06 .. | 2,43,603 | 3,24,580 | 1,23,986 | 19,54,844 | 19,91,160 | 19,269 | 71,778 | 5,00,000 | 1,61,420 | 57,606 | 29,82,971 |
| 1906-07 .. | 3,06,306 | 3,29,381 | 1,28,015 | 19,39,665 | 21,46,791 | 27,369 | 75,303 | 5,01,862 | 1,65,815 | 56,218 | 31,77,715 |
| 1907-08 .. | 2,59,564 | 3,66,403 | 1,69,574 | 21,17,200 | 22,87,706 | 31,325 | 74,395 | 1,38,450 | 2,65,350 | 4,50,151 | 32,26,943 |
| 1908-09 .. | 2,71,046 | 3,73,684 | 1,71,929 | 23,92,891 | 24,34,002 | 29,456 | 65,623 | | 2,76,685 | 4,64,585 | 32,98,247 |
| 1909-10 . | 3,09,102 | 3,69,460 | 1,66,963 | 23,86,781 | 23,64,080 | 30,859 | 69,817 | | 2,93,256 | 4,62,579 | 33,77,184 |
| 1910-11 .. | 2,89,088 | 3,85,546 | 1,68,087 | 24,16,932 | 21,03,537 | 31,063 | 84,294 | | 4,17,124 | 4,64,416 | 36,07,569 |
| 1911-12 .. | 2,93,600 | 3,75,204 | 1,79,978 | 24,87,700 | 21,40,626 | 33,054 | 86,701 | | 4,20,311 | 4,72,858 | 37,14,629 |
| 1912-13 .. | 3,14,525 | 4,40,506 | 3,27,304 | 25,52,034 | 23,15,541 | 34,069 | 96,913 | | 4,18,511 | 4,46,160 | 33,43,397 |
| 1913-14 .. | 3,11,659 | 4,41,694 | 1,66,104 | 29,41,742 | 23,09,128 | 35,094 | 1,07,499 | | 4,85,285 | 4,41,840 | 34,34,290 |
| 1914-15 .. | 3,13,576 | 4,16,898 | 1,85,577 | 30,02,430 | 23,15,264 | 36,771 | 1,11,204 | | 5,03,224 | 4,39,260 | 37,62,252 |
| 1915-16 . | 3,19,660 | 4,51,638 | 1,92,455 | 30,18,184 | 23,93,411 | 38,277 | 1,15,167 | | 5,43,346 | 4,37,810 | 39,34,821 |
| 1916-17 .. | 3,39,014 | 4,93,898 | 1,92,598 | 31,61,770 | 25,33,855 | 40,538 | 1,46,580 | | 5,91,878 | 4,35,960 | 44,11,104 |
| 1917-18 . | 3,50,132 | 5,33,526 | 2,22,212 | 32,75,695 | 25,52,833 | 44,085 | 1,75,960 | | 7,31,595 | 4,36,570 | 41,86,164 |
| 1918-19 .. | 3,78,723 | 5,29,127 | 2,57,944 | 39,46,954 | 51,27,671 | 46,820 | 1,64,955 | | 9,27,207 | 4,89,328 | 44,30,260 |
| 1919-20 . | 4,18,182 | 5,21,773 | 2,82,962 | 43,15,060 | 36,23,038 | 46,227 | 1,88,988 | | 13,32,793 | 4,61,262 | 43,05,114 |
| 1920-21 .. | 4,18,650 | 5,87,191 | 3,20,709 | 49,52,268 | † 39,59,741 | 60,316 | 2,13,660 | | 16,87,813 | 4,86,216 | 46,26,788 |
| 1921-22 . | 4,36,442 | 6,18,675 | 3,94,884 | 1,01,86,772 | 47,69,943 | 76,404 | (s) | | 20,39,048 | 9,01,571 | (s) |
| 1922-23 .. | 4,81,081 | 6,66,432 | 4,02,392 | 1,27,64,487 | 48,94,512 | 80,079 | (s) | | 22,72,762 | 9,63,038 | (s) |
| 1923-24 .. | 4,90,787 | 6,88,838 | 3,79,944 | 58,66,567 | 47,27,050 | 85,856 | 3,62,363 | | 25,08,852 | 8,96,582 | 1,00,90,945 |
| 1924-25 .. | 5,04,317 | 7,04,523 | 3,40,488 | 59,80,651 | 46,60,460 | 75,167 | 4,04,919 | | 25,82,656 | 9,03,864 | 1,08,14,589 |
| 1925-26 .. | 5,82,711 | 6,90,166 | 3,51,624 | 53,91,221 | 41,97,577 | 76,713 | 4,72,654 | | 27,92,373 | 9,81,956 | 1,08,83,980 |
| 1926-27 .. | 5,34,507 | 7,09,867 | 3,27,018 | 52,80,276 | 41,56,288 | 70,565 | 4,88,346 | | 31,13,302 | 14,44,718 | 1,08,41,061 |
| 1927-28 ... | 5,36,542 | 6,94,727 | 3,16,612 | 54,95,145 | 41,63,376 | 75,421 | 5,81,223 | | 30,55,361 | 15,86,687 | 1,12,89,224 |
| 1928-29 .. | 5,40,173 | 5,61,208 | 3,35,320 | 55,13,018 | 41,28,598 | 63,565 | 6,53,287 | | 29,47,784 | 16,27,649 | 1,21,36,185 |
| 1929-30 .. | 4,71,487 | 5,91,474 | 3,64,367 | 55,81,919 | 40,74,206 | 66,157 | 6,88,457 | | 31,10,455 | 16,90,793 | 1,30,34,567 |
| 1930-31 .. | 4,58,414 | 5,10,305 | 3,37,520 | 61,49,678 | 35,78,522 | 68,384 | 7,26,679 | | 29,97,740 | 18,23,641 | 1,29,85,715 |
| 1931-32 .. | 4,44,381 | 4,86,855 | 3,13,432 | 57,46,117 | 32,51,075 | 64,978 | 7,78,661 | | 31,20,478 | 17,40,480 | 1,32,51,618 |
| 1932-33 .. | 3,85,083 | 4,66,482 | 3,02,499 | 55,88,550 | 31,25,898 | 62,292 | 8,16,812 | | 32,45,592 | 17,13,017 | 1,33,53,226 |
| 1933-34 .. | 3,77,708 | 4,58,593 | 2,69,016 | 53,90,313 | 29,83,376 | 61,293 | 9,48,829 | | 32,30,720 | 16,56,005 | 1,32,22,310 |
| 1934-35 .. | 3,12,069 | 4,53,999 | 2,94,402 | 50,68,619 | 29,08,983 | 62,380 | 9,85,621 | | 32,02,997 | 16,48,684 | 1,25,93,943 |
| 1935-36 .. | 4,57,885 | 6,21,859 | 3,31,127 | 51,72,046 | 28,31,750 | 75,535 | 10,05,238 | | 32,11,219 | 16,85,887 | 1,21,43,455 |
| 1936-37 .. | 4,73,635 | 6,35,879 | 3,56,413 | 53,03,448 | 28,66,924 | 76,752 | 10,58,470 | | 33,86,264 | 17,96,734 | 1,19,45,222 |
| 1937-38 .. | 4,71,811 | 6,28,592 | 4,16,289 | 58,01,823 | 29,68,240 | 73,772 | 9,34,532 | | 35,06,561 | 19,15,745 | 1,20,46,898 |

†: Inclusive of Rs. 4,58,641 on account of Markets and Slaughter Houses and Rs. 26,147 on account of Census.

M R. TAMBE,
*Chief Accountant.*

## No. 19—*concluded.*

| Contribution to the Bombay Improvement Trust. | Public Gardens. | Stores, Plant and Live Stock. | Municipal Building Fund. | Loan works Establishment. | Investments Fund. | Plague Expenses. | Slum Service. | Miscellaneous. | Total. | Year. | Five years' average annual expenditure. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | | | | Rs. | Rs. | Rs. | Rs. | Rs. | | Rs. |
| 4,74,605 | 89,870 | | | | 58,400 | —922 | | 1,86,444 | 85,84,058 | 1900-01 | |
| 4,81,000 | 57,685 | | | | 59,259 | | | 38,695 | 82,26,458 | 1901-02 | |
| 3,00,000 | 58,874 | | | | 58,136 | | | 75,124 | 84,53,398 | 1902-03 | 84,57,381 |
| 3,50,000 | 67,422 | | | | 33,265 | | | 34,006 | 84,31,390 | 1903-04 | |
| 2,50,000 | 66,092 | | | | 35,399 | 1,81,920 | | 57,512 | 95,91,618 | 1904-05 | |
| 2,50,500 | 64,751 | | | | 39,377 | 2,26,538 | | (*h*) 3,62,359 | 93,74,242 | 1905-06 | |
| 3,00,000 | 64,735 | | | | 39,626 | 2,43,044 | | 18,945 | 95,20,790 | 1906-07 | |
| 2,66,081 | 75,158 | | | | 44,445 | 1,95,517 | | 1,30,930 | 1,01,89,201 | 1907-08 | 1,02,22,281 |
| 4,50,000 | 92,905 | | | | 47,843 | 2,23,328 | | 37,952 | 1,06,30,126 | 1908-09 | |
| 7,80,000 | 98,964 | | | | 1,21,917 | 2,00,915 | | (*i*) 3,65,173 | 1,13,97,050 | 1909-10 | |
| 8,35,000 | 91,210 | | | | 49,473 | 1,87,234 | | 1,31,399 | 1,12,81,872 | 1910-11 | |
| 9,86,000 | 76,091 | | | | 57,633 | 1,55,903 | | 1,25,274 | (*j*) 1,14,84,562 | 1911-12 | |
| 9,23,000 | 83,982 | | | | 10,000 | 1,47,763 | | 2,25,882 | (*k*) 1,16,81,587 | 1912-13 | 1,17,90,028 |
| 9,23,093 | 91,683 | | | | 10,000 | 1,24,682 | | 2,16,198 | (*l*) 1,20,48,926 | 1913-14 | |
| 9,76,988 | 92,295 | | | | 10,000 | 1,27,633 | | 1,59,869 | (*m*)1,24,53,191 | 1914-15 | |
| 10,17,420 | 89,738 | | | | 10,000 | 1,22,912 | | (*n*) 1,24,031 | 1,28,03,870 | 1915-16 | |
| 11,01,289 | 90,490 | | | | (*p*) 3,08,135 | 1,29,958 | | (*o*) 2,37,730 | 1,42,14,292 | 1916-17 | |
| 10,98,118 | 81,555 | | | | (*q*) 51,399 | 1,32,160 | | 3,89,492 | 1,42,61,391 | 1917-18 | 1,53,28,096 |
| 11,52,687 | 93,085 | | | | (*q*) 17,320 | 1,26,506 | | 13,38,060 | 1,70,26,649 | 1918-19 | |
| 15,19,780 | 97,183 | | | | (*q*) 20,988 | 1,18,404 | | 10,57,511 | 1,83,09,277 | 1919-20 | |
| 15,71,248 | 1.28,196 | | | | (*r*) 1,69,813 | 1,24,591 | | 8,95,154 | 2,02,02,301 | 1920-21 | |
| 15,76,574 | 2,24,288 | | | | (*t*) 2,53,427 | 1,16,886 | | 8,95,638 | 2,24,64,954 | 1921-22 | |
| 17,85,007 | 2,34,769 | | | | 3,18,883 | 1,20,689 | | 11,77,228 | 2,61,61,439 | 1922-23 | 1,55,67,108 |
| 19,07,255 | 1,59,167 | | | | 70,044 | 1,12,280 | | 7,16,308 | 2,89,50,053 | 1923-24 | |
| 20,20,974 | 1,62,449 | | | | | 1,03,848 | | 7,98,144 | 3,00,57,096 | 1924-25 | |
| 22,28,470 | 1,63,147 | | | | | 91,674 | | 6,83,364 | 2,90,87,636 | 1925-26 | |
| 22,39,225 | 1,86,412 | | | | | 74,216 | | 6,70,844 | 3,01,62,656 | 1926-27 | |
| 23,11,031 | 1,67,067 | | | 26,011 | | 84,089 | | 6,57,843 | 3,14,45,875 | 1927-28 | 3,12,89,455 |
| 23,02,180 | 1,76,614 | | | 4,31,527 | | 72,394 | | (*u*) 13,16,393 | 3,27,50,278 | 1928-29 | |
| 22,92,678 | 1,76,841 | | | 3,75,910 | | 76,836 | | 5,88,300 | 3,30,00,829 | 1929-30 | |
| 23,10,873 | 1,88,454 | | | 2,47,292 | | 64,690 | | 4,46,937 | 3,26,47,552 | 1930-31 | |
| 23,54,568 | 1,73,268 | | | | | 66,626 | | 5,36,542 | 3,23,28,729 | 1931-32 | |
| 23,52,242 | 1,57,884 | | | | | 65,982 | | 5,33,558 | 3,21,69,117 | 1932-33 | 3,22,63,193 |
| (*v*)32,84,740 | 1,57,141 | | | | | 67,759 | | 4,43,796 | 3,25,51,599 | 1933-34 | |
| 33,39,680 | 1,45,748 | | | | | 69,968 | | 5,32,016 | 3,16,19,059 | 1934-35 | |
| 33,42,690 | 1,34,179 | | | | | 69,060 | | 2,15,609 | 3,12,97,539 | 1935-36 | |
| 32,22,391 | 1,35,584 | | | | | 64,436 | 4,14,500 | 1,92,837 | 3,19,29,489 | 1936-37 | |
| 34,40,225 | 1,35,807 | | | | | 71,497 | | 3,36,482 | 3,27,48,184 | 1937-38 | |

(*f*) Includes contribution of Rs. 3,00,000 towards celebrating the visit of H. R. H. the Prince and Princess of Wales.

(*i*) Includes charges for Grain Compensation and Local Allowance and the loss sustained in the sale of unserviceable stores written off.

(*j*) Excludes Rs. 5,00,000 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds.

(*k*) Excludes Rs. 3,10,033 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds as well as the amount of investments of interest realized on Sinking and Special Funds.

(*l*) Excludes Rs. 1,00,000 transferred from revenue for writing off the balance of the Plague expenditure advanced from Loan Funds as well as the amount of investment of interest realised on Sinking and Special Funds.

(*m*) Excludes Rs. 35,455 being the writeoff of the proportionate cost (paid out of Loan Funds) of the Halalkhores' Chawls at Vincent Road sold to the City Improvement Trust as well as the amount of investment interest realized on Sinking and Special Funds.

(*n*) Includes Rs. 25,000 being the contribution towards the cost of cadastral survey of the town and island of Bombay.

(*o*) This includes Rs. 1,20,312 on account of discount on the conversion of 3 per cent. or 3½ per cent. Government Paper into 4 per cent. conversion loan of 1916-17.

(*p*) This includes Rs. 2,98,135 being the amount of investment on account of sale-proceeds of Municipal lands into Municipal Land and Building Fund.

(*q*) This includes Rs. 41,399, Rs. 7,320 and Rs. 10,988 being the amount of investment on account of sale proceeds of Municipal Lands into Municipal Land and Building Fund.

(*r*) This includes Rs. 1,59,813 do. do.

(*s*) As the Expenditure on Pensions and gratuities, &c., and Municipal Debt is allocated according to different service heads, no expenditure appears under these heads.

(*t*) This includes Rs. 2,53,427 on account of sale proceeds of Municipal land to be transferred to Land and Building Fund.

(*u*) Includes Rs. 7,00,000 being the contribution for Bai Jerbai Wadia Hospital for children.

(*v*) Includes Rs. 10,94,913 on account of increased contribution payable towards Improvement Schemes due to the amalgamation of the City Improvement Trust with the Municipality with effect from 1-10-1933 under Bombay Act XIII of 1933.

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 20.

CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1937-1938.

| YEAR. | Income. | Expenditure. | DIFFERENCE. | |
|---|---|---|---|---|
| | | | Surplus. | Deficit. |
| | Rs. | Rs. | Rs. | Rs. |
| 1865 ... ... | 23,63,787 | 49,59,333 | | 25,95,546 |
| 1866 ... ... | 29,14,672 | 36,01,922 | | 6,87,250 |
| 1867 ... ... | 30,40,524 | 42,16,346 | | 11,75,822 |
| 1868 ... ... | 38,52,674 | 34,77,058 | 3,75,616 | |
| 1869 ... ... | 33,93,226 | 31,31,358 | 2,61,868 | |
| 1870 ... ... | 33,07,749 | 33,92,185 | | 84,436 |
| 1871 ... ... | 28,71,160 | 38,04,661 | | 9,33,501 |
| 1872 ... ... | 30,48,331 | 31,15,888 | | 67,557 |
| 1873 ... . | 33,24,108 | 30,44,577 | 2,79,531 | |
| 1874 ... ... | 29,81,322 | 29,90,663 | | 9,341 |
| 1875 ... ... | 31,43,526 | 32,65,027 | | 1,21,501 |
| 1876 ... ... | 31,77,723 | 31,60,438 | 17,285 | |
| 1877 ... ... | 32,41,452 | 30,36,535 | 2,04,917 | |
| 1878 ... ... | 31,45,153 | 32,70,224 | | 1,25,071 |
| 1879 ... ... | 33,41,174 | 31,11,122 | 2,30,052 | |
| 1880 ... ... | 32,51,870 | 30,57,992 | 1,93,878 | |
| 1881 ... ... | 38,73,694 | 37,98,872 | 74,822 | |
| 1-1-1882 to 31-3-1883... | 46,12,240 | 47,53,632 | | 1,41,392 |
| 1883-1884 .. | 37,37,272 | 37,15,812 | 21,460 | |
| 1884-1885 ... | 42,13,868 | 38,81,020 | 3,32,848 | |
| 1885-1886 .. | 44,73,973 | 40,66,940 | 4,07,033 | |
| 1886-1887 ... | 49,01,814 | 41,76,362 | 7,25,452 | |
| 1887-1888 ... | 51,66,530 | 58,12,690 | | 6,46,160 |
| 1888-1889 ... | 49,66,193 | 52,01,258 | | 2,35,065 |
| 1889-1890 ... | 53,42,169 | 50,42,405 | 2,99,764 | |
| 1890-1891 ... | 61,65,901 | 56,84,861 | 4,81,040 | |
| 1891-1892 ... | 62,33,183 | 57,82,073 | 4,51,110 | |
| 1892-1893 ... | 66,72,943 | 65,45,512 | 1,27,431 | |
| 1893-1894 ... | 67,62,695 | 69,63,928 | | 2,01,233 |
| 1894-1895 ... | 65,39,372 | 63,73,486 | 1,65,886 | |
| 1895-1896 ... | 67,61,710 | 67,02,516 | 59,194 | |
| 1896-1897 ... | 62,08,978 | 70,04,743 | | 7,95,765 |
| 1897-1898 ... | 71,45,560 | 74,96,969 | | 3,51,409 |
| 1898-1899 ... | 71,61,911 | 73,39,026 | | 1,77,115 |
| 1899-1900 ... | 88,29,817 | 73,92,480 | 14,37,337 | |
| 1900-1901 ... | 84,02,848 | 85,84,058 | | 1,81,210 |
| 1901-1902 ... | 77,66,729 | 82,26,458 | | 4,59,729 |
| 1902-1903 ... | 81,75,688 | 84,53,398 | | 2,77,710 |
| 1903-1904 ... | 84,82,625 | 84,31,390 | 51,235 | |
| 1904-1905 ... | 93,36,111 | 85,91,618 | 7,14,493 | |
| 1905-1906 ... | 90,92,539 | 93,74,242 | | 2,81,703 |
| 1906-1907 ... | 96,48,501 | 95,20,790 | 1,27,711 | |
| 1907-1908 ... | 98,89,324 | 1,01,89,201 | | 2,99,877 |
| 1908-1909 ... | 1,02,86,048 | 1,06,30,126 | | 3,44,078 |
| 1909-1910 ... | 1,12,13,864 | 1,13,97,050 | | 1,83,186 |
| 1910-1911 ... | 1,21,96,149 | 1,12,81,872 | 9,14,277 | |
| 1911-1912 .. | 1,26,55,789 | * 1,14,84,562 | 11,71,227 | |
| 1912-1913 ... | 1,27,41,589 | (a) 1,16,81,587 | 10,60,002 | |
| 1913-1914 ... | 1,28,76,501 | (b) 1,20,48,926 | 8,27,575 | |
| 1914-1915 ... | 1,24,13,366 | (c) 1,24,53,191 | | 39,825 |
| 1915-1916 ... | 1,38,31,070 | 1,28,03,870 | 10,27,200 | |
| 1916-1917 ... | 1,40,48,739 | 1,42,14,292 | | 1,65,553 |
| 1917-1918 ... | 1,48,29,386 | 1,42,61,391 | 5,67,995 | |
| 1918-1919 ... | 1,73,74,184 | 1,70,26,648 | 3,47,536 | |
| 1919-1920 ... | 1,83,16,927 | 1,83,09,277 | 7,650 | |

* This is exclusive Rs. 5,00,000 utilized towards writing off a portion of the Plague expenditure.

(a) Do. ,, 3,10,062-7-4 do. do. do.

(b) Do. ,, 1,00,000 do. the balance do.

(c) This is exclusive of Rs. 35,455 being the writeoff of the proportionate cost (paid out of Loan Funds) of the Halalkhore chawls at Vincent Road sold to the City Improvement Trust.

## Appendix No. 20.—*Concld.*

| YEAR. | Income. | Expenditure. | DIFFERENCE. | |
|---|---|---|---|---|
| | | | Surplus. | Deficit. |
| | Rs. | Rs. | Rs. | Rs. |
| 1920-1921 ... | 2,01,43,197 | 2,02,02,301 | | 59,104 |
| 1921-1922 ... | 2,31,47,009 | 2,24,64,954 | 6,82,055 | |
| 1922-1923 ... | 2,67,53,463 | 2,61,61,439 | 5,92,024 | |
| 1923-1924 ... | 2,79,21,509 | 2,89,50,053 | | 10,28,544 |
| 1924-1925 ... | 3,02,15,121 | 3,00,57,096 | 1,58,025 | |
| 1925-1926 ... | 3,05,31,359 | 2,90,87,636 | 14,43,723 | |
| 1926-1927 ... | 3,21,35,697 | 3,01,62,656 | 19,73,041 | |
| 1927-1928 ... | 3,17,08,288 | 3,14,45,875 | 2,62,413 | |
| 1928-1929 ... | 3,15,33,383 | 3,27,50,278 | | 12,16,895 |
| 1929-1930 ... | 3,31,40,098 | 3,30,00,829 | 1,39,269 | |
| 1930-1931 ... | 3,20,46,672 | 3,26,47,552 | | 6,00,880 |
| 1931-1932 ... | 3,19,14,176 | 3,23,28,729 | | 4,14,553 |
| 1932-1933 ... | 3,00,02,381 | 3,21,69,117 | | 21,66,736 |
| 1933-1934 ... | 3,14,15,971 | 3,25,51,599 | | 11,35,628 |
| 1934-1935 ... | 3,19,33,106 | 3,16,19,059 | 3,14,047 | |
| 1935-1936 ... | 3,23,76,453 | 3,12,97,539 | 10,78,914 | |
| 1936-1937 ... | 3,20,58,229 | 3,19,29,489 | 1,28,740 | |
| 1937-1938 ... | 3,30,16,418 | 3,27,48,184 | 2,68,234 | |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 21.

## IMPROVEMENT SCHEMES.

*General Financial Statistics.*

| Particulars. | 1933-34. | 1934-35. | 1935-36. | 1936-37. | 1937-38. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| *General Account.* | | | | | |
| *Receipts.* | | | | | |
| 1. Land Revenue .. .. | 49,15,892 | 50,88,646 | 50,29,342 | 51,16,107 | 50,52,210 |
| 2. Municipal contribution .. | 32,84,740 | 33,39,680 | 33,42,690 | 32,22,391 | 34,40,225 |
| 3. Tobacco Duty .. .. | 11,42,753 | 10,95,450 | 9,84,675 | 11,79,000 | 12,42,750 |
| 4. Miscellaneous .. .. | 3,92,648 | 3,27,062 | 2,87,310 | 5,13,994 | 5,21,620 |
| | 97,36,033 | 98,50,838 | 96,44,017 | 1,00,31,492 | 1,02,56,805 |
| *Expenditure.* | | | | | |
| 5. Maintenance of Properties and Streets .. .. | 11,86,700 | 13,80,762 | 13,30,012 | 13,93,869 | 13,80,505 |
| 6. Debt Charges .. .. | 98,23,000 | 98,55,686 | 1,02,34,035 | 85,21,012 | 83,07,520 |
| 7. Miscellaneous .. .. | 1,685 | .... | .... | .... | .... |
| | 1,10,11,385 | 1,12,36,448 | 1,15,64,047 | 99,14,881 | 96,88,025 |
| 8. Surplus (+) or Deficits (—) .. | —12,75,352 | —13,85,610 | —19,20,030 | + 1,16,611 | +5,68,780 |
| *Loans.* | | | | | |
| 9. Debt outstanding .. | 17,21,67,876 | 17,21,50,896 | 17,32,27,092 | 17,07,53,708 | 16,71,06,587 |
| 10. Redemption and Sinking Funds in hand or invested .. | 1,91,09,981 | 2,07,26,735 | 2,20,81,116 | 2,10,01,545 | 2,24,96,900 |
| 11. Net Loan Debt .. | 15,30,57,895 | 15,14,24,161 | 15,11,45,976 | 14,97,52,163 | 14,46,09,687 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 22.

## IMPROVEMENT SCHEMES.

*General Account for the year ended 31st March 1938.*

| Particulars. | Amount. | Particulars. | Amount. |
|---|---|---|---|
| | Rs. a. p. | | Rs. a. p. |
| To Revenue Expenditure as per Appendix No. 24 .. | 96,88,025 2 5 | By Revenue Receipts as per Appendix No. 23 .. .. | 1,02,56,804 11 7 |
| „ Balance being surplus for the year (transferred to Capital A/c Balance Sheet—Appendix No. 25) .. .. .. | 5,68,779 9 2 | | |
| | 1,02,56,804 11 7 | | 1,02,56,804 11 7 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

**Appendix**

IMPROVEMENT

GENERAL

IN

*Statement showing the net Receipts during the Financial year* 1937–38 *from all*
*Estimate and the*

| Actuals for 1936-37. | PARTICULARS. | Actuals for 1937-38. | Budget Estimate for 1937-38. | Revised Estimate for 1937-38. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Rs. a. p. | I.—RENTS AND OTHER PROCEEDS OF PROPERTIES. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 4,05,768 6 9 | 1. Lands comprised in Schedule W .. | 3,53,256 14 1 | 3,63,954 0 0 | 3,59,127 0 0 |
| 1,29,080 10 3 | 2. ,, ,, ,, X .. | 1,14,356 11 7 | 1,32,568 0 0 | 1,27,198 0 0 |
| 1,04,686 13 9 | 3. ,, ,, ,, Y .. | 1,09,200 0 7 | 1,07,819 0 0 | 1,07,942 0 0 |
| 204 4 4 | 4. ,, ,, ,, Z .. | 204 4 4 | 204 0 0 | 204 0 0 |
| 44,76,366 12 7 | 5. Other Lands and Buildings .. | 44,75,191 14 8 | 45,45,379 0 0 | 44,98,891 0 0 |
| 51,16,106 15 8 | | 50,52,209 13 3 | 51,49,924 0 0 | 50,93,362 0 0 |
| 32,22,391 4 0 | II.—Contribution from the Municipal Corporation under Section 125 (2) (d) of the Municipal Act .. .. | 34,40,224 13 0 | 34,20,400 0 0 | 34,40,225 0 0 |
| 11,79,000 0 0 | III.—Receipts on account of Tobacco Duty .. .. .. | 12,42,750 0 0 | 12,79,000 0 0 | 12,42,000 0 0 |
| 4,87,075 2 9 | IV.—Interest and Profit on Investments.. | 4,60,698 8 0 | 3,36,000 0 0 | 4,00,000 0 0 |
| 26,918 9 10 | V.—Miscellaneous Receipts .. | 60,921 9 4 | 48,000 0 0 | 48,000 0 0 |
| 1,00,31,492 0 3 | Total Income .. | 1,02,56,804 11 7 | 1,02,33,324 0 0 | 1,02,23,587 0 0 |

M. R. TAMBE,
*Chief Accountant.*

**No. 23.**

SCHEMES.

ACCOUNT.

COME.

*sources as Contrasted with the Actuals for* 1936–37, *the Original Budget Revised Estimate.*

| Compared with the Actuals for 1936-37. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|
| Increase. | Decrease. | More. | Less. | More. | Less. |
| 6 | 7 | 8 | 9 | 10 | 11 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| .... | 52,511 8 8 | .... | 10,697 1 11 | .... | 5,870 1 11 |
| .... | 14,723 14 8 | .... | 18,211 4 5 | .... | 12,841 4 5 |
| 4,513 2 10 | .... | 1,381 0 7 | .... | 1,258 0 7 | .... |
| .... | .... | 0 4 4 | .... | 0 4 4 | .... |
| .... | 1,174 13 11 | .... | 70,187 1 4 | .... | 23,699 1 4 |
| 4,513 2 10 | 68,410 5 3 | 1,381 4 11 | 99,095 7 8 | 1,258 4 11 | 42,410 7 8 |
| 2,17,833 9 0 | .... | 19,824 13 0 | .... | .... | 0 3 0 |
| 63,750 0 0 | .... | .... | 36,250 0 0 | 750 0 0 | .... |
| .... | 26,376 10 9 | 1,24,698 8 0 | .... | 60,698 8 0 | .... |
| 34,002 15 6 | .... | 12,921 9 4 | .... | 12,921 9 4 | .... |
| 3,20,099 11 4 | 94,787 0 0 | 1,58,826 3 3 | 1,35,345 7 8 | 75,628 6 3 | 42,410 10 8 |

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

## IMPROVEMENT

### GENERAL

### EXPEN

*Statement showing the Actuals as compared with*

| Actuals for 1936-37. | PARTICULARS. | Actuals for 1937-38. | Final grants sanctioned for Expenditure during 1937-38. |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| Rs. a. p. | A.—MAINTENANCE OF PROPERTIES & STREETS. | Rs. a. p. | Rs. a. p. |
| | (*a*) Maintenance of Properties. | | |
| 63,202 14 3 | I.—Lands Comprised in Schedule W .. | 58,191 15 0 | 68,630 0 0 |
| 18,848 5 10 | II.—Lands Comprised in Schedule X .. | 17,248 15 0 | 22,370 0 0 |
| 13,489 0 0 | III.—Lands Comprised in Schedule Y .. | 15,041 0 0 | 16,238 0 0 |
| 26 0 0 | IV.—Lands Comprised in Schedule Z .. | 28 0 0 | 28 0 0 |
| | V.—Other Lands and Buildings— | | |
| 6,47,445 14 6 | (1) Schemes .. .. .. | 6,57,371 13 7 | 8,30,533 0 0 |
| 4,39,525 6 6 | (2) Chawls Permanent .. .. | 4,65,815 3 6 | 5,83,431 0 0 |
| 1,43,713 7 3 | (3) S. P. Sheds .. .. | 1,19,720 3 6 | 1,46,467 0 0 |
| 60,769 14 10 | (*b*) Maintenance of Streets .. .. | 44,063 10 0 | 49,144 0 0 |
| 6,848 1 0 | (*c*) Minor Works in all Schemes .. | 3,024 2 0 | 10,214 0 0 |
| 13,93,869 0 2 | Total A—Maintenance of Properties and Streets. | 13,80,504 14 7 | 17,27,055 0 0 |
| | B.—COST OF MANAGEMENT & ESTABLISHMENT. | | |
| 11,115 2 9 | (*a*) Corporation & Standing Committee .. | 11,339 1 3 | 13,400 0 0 |
| 28,061 3 9 | (*b*) Dy. Municipal Commissioner's Office Establishment .. .. .. | 28,145 11 6 | 28,411 0 0 |
| 43,051 9 6 | (*c*) Audit & Accounts Establishment.. .. | 41,919 5 0 | 41,992 0 0 |
| 3,09,044 5 8 | (*d*) Estates & Land Management Department | 3,39,355 8 9 | 3,75,886 0 0 |
| 1,08,727 13 9 | (*e*) City Engineer's Department .. | 1,15,149 11 0 | 1,23,788 0 0 |
| 3,524 13 0 | (*f*) General Stores .. .. | 3,742 6 0 | 3,743 0 0 |
| 68,657 3 3 | (*g*) Incidental Expenses .. .. | 85,576 14 1 | 89,715 0 0 |
| 357 12 0 | (*h*) Terminal Charges .. .. | .... | .... |
| 5,72,539 15 8 | | 6,25,228 9 7 | 6,76,935 0 0 |
| | C.—Proportionate charge on account of | | |
| 85,628 10 0 | Municipal Supervision .. | 91,413 3 0 | 1,12,689 0 0 |
| 6,58,168 9 8 | Total B & C .. | 7,16,641 12 7 | 7,89,624 0 0 |
| | Rs. a. p. | | |
| 1,07,963 0 0 | *Deduct.*-Charged to Capital Account. 1,31,660 0 0 | | |
| 5,50,205 9 8 | Do. General Account. 5,84,981 12 7 | | |
| 6,58,168 9 8 | | 7,16,641 12 7 | 7,89,624 0 0 |
| .... | | .... | .... |
| | D.—DEBT CHARGES. | | |
| 73,96,420 1 2 | I.—Interest on Loans .. .. | 70,50,158 13 10 | 72,88,455 0 0 |
| 11,24,592 0 0 | II.—Appropriation for reduction or avoidance of Debt .. .. | 12,57,361 6 0 | 12,57,362 0 0 |
| 85,21,012 1 2 | Total D.—Debt Charges .. .. | 83,07,520 3 10 | 85,45,817 0 0 |
| 99,14,881 1 4 | Grand Total .. | 96,88,025 2 5 | 1,02,72,872 0 0 |

M. R. TAMBE,
*Chief Accountant.*

**No. 24.**

SCHEMES.

ACCOUNT.

DITURE.

*the Final Sanctioned Grants for* 1937–38.

| Final grants compared with the Actuals. | | | Remarks. |
|---|---|---|---|
| Balance Unexpended. | Amount required to be renewed in 1938-39. | Savings. | |
| 5 | 6 | 7 | |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 10,438 1 0 | 1,709 0 0 | 8,729 1 0 | |
| 5,121 1 0 | 548 0 0 | 4,573 1 0 | |
| 1,197 0 0 | .... | 1,197 0 0 | |
| .... | .... | .... | |
| 1,73,161 2 5 | 79,190 0 0 | 93,971 2 5 | |
| 1,17,615 12 6 | 78,853 0 0 | 38,762 12 6 | |
| 26,746 12 6 | 11,471 0 0 | 15,275 12 6 | |
| 5,080 6 0 | 40 0 0 | 5,040 6 0 | |
| 7,189 14 0 | 2,429 0 0 | 4,760 14 0 | |
| 3,46,550 1 5 | 1,74,240 0 0 | 1,72,310 1 5 | |
| | * 35,085 0 0 | — 35,085 0 0 | |
| 2,060 14 9 | 550 0 0 | 1,510 14 9 | |
| 265 4 6 | 18 0 0 | 247 4 6 | |
| 72 11 0 | .... | 72 11 0 | |
| 36,530 7 3 | 17,295 0 0 | 19,235 7 3 | |
| 8,638 5 0 | 96 0 0 | 8,542 5 0 | |
| 0 10 0 | .... | 0 10 0 | |
| 4,138 1 11 | 171 0 0 | 3,967 1 11 | |
| .... | .... | .... | |
| 51,706 6 5 | 18,130 0 0 | 33,576 6 5 | |
| 21,275 13 0 | 16,955 0 0 | * 4,320 13 0 | |
| 72,982 3 5 | 35,085 0 0 | 37,897 3 5 | |
| 72,982 3 5 | 35,085 0 0 | 37,897 3 5 | |
| .... | .... | .... | |
| 2,38,296 2 2 | 94,045 0 0 | 1,44,251 2 2 | |
| 0 10 0 | .... | 0 10 0 | |
| 2,38,296 12 2 | 94,045 0 0 | 1,44,251 12 2 | |
| 5,84,846 13 7 | 3,03,370 0 0 | 2,81,476 13 7 | |

* Rs. 35,085 represent expenditure on account of Cost of Management and Establishment including Municipal Supervision to be allocated at the end of the year.

I. H. TAUNTON,
*Municipal Commissioner.*

**Appendix**

IMPROVEMENT

*Balance Sheet—(Capital Account)*

| LIABILITIES— | | | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| LOANS OUTSTANDING— | | | | |
| (*Vide* details as shown in Appendix No. 29) .. .. .. | | | | 16,71,06,587 6 0 |
| Book value of lands comprised in Schedules "W" and "X" .. | | | | 47,60,970 0 0 |
| SURPLUS— | | | | |
| Extraordinary receipts— | | | | |
| Transfer of Sinking Fund Accumulations in respect of Rs. 370 lakhs loan .. .. .. .. .. .. .. .. | | | 25,07,830 0 0 | |
| Special grants from the Government of India .. .. .. .. | | | 54,00,000 0 0 | |
| Premia on loan raised in 1935-36 .. .. .. .. .. | | | 30,000 0 0 | |
| Sale proceeds of Lands and Buildings— | Rs. a. p. | | | |
| Sale proceeds upto 31st March 1937 .. .. | 3,13,38,130 8 8 | | | |
| Sale proceeds during 1937-38 .. .. | 21,63,880 12 1 | | 3,35,02,011 4 9 | |
| Sinking Fund on Loans .. .. .. | 2,24,96,899 14 11 | | | |
| Loans Redemption Fund .. .. .. | 17,29,590 11 0 | | 2,42,26,490 9 11 | |
| | | | 6,56,66,331 14 8 | |
| *Deduct*— | | | | |
| Revenue Deficits— | | | | |
| Deficits upto 31st March 1937 .. .. | 1,91,47,399 8 4 | | | |
| *Less*—Surplus during 1937-38 .. .. | 5,68,779 9 2 | | 1,85,78,619 15 2 | |
| | | | | 4,70,87,711 15 6 |
| | | Total Rs. .. | | 21,89,55,269 5 6 |

M. R. TAMBE,

*Chief Accountant.*

**No. 25.**

**SCHEMES.**

*as at* 31*st March* 1938.

| | | | | Rs. a. p. |
|---|---|---|---|---|
| ASSETS— | | | | |
| BLOCK ACCOUNT— | | | | |
| Property and Assets at original cost as per Appendix No. 26 .. .. .. | | | | 18,52,39,117 13 6 |
| Book value of lands comprised in Schedules "W" and "X" as per Appendix No. 27. (Section 91 A of the Municipal Act) .. .. .. .. | | | | 47,60,970 0 0 |
| | In Securities. | | In Cash. | |
| | Face Value. | Actual Cost. | Cash Deposits. | |
| SINKING FUNDS— | | | | |
| As per Appendix No. 28 .. | Rs. †† 2,14,52,400 £ 90,800 | Rs. a. p. 2,24,96,549 0 0 | Rs. a. p. 350 14 11 | 2,24,96,899 14 11 |
| CAPITAL FUNDS— | | | | |
| 4½ per cent. Bombay Improvement Trust Debentures .. .. .. | 15,37,600 | 15,37,600 0 0 | | |
| 4 per cent. Bombay Improvement Trust Debentures .. .. .. .. | 7,33,700 | 6,80,506 12 0 | | |
| 6 per cent. Bombay Improvement Trust Debentures .. .. .. .. | 42,40,000 | 42,40,000 0 0 | | |
| Cash with the Imperial Bank of India.. | .... | .... | 174 13 1 | |
| | 65,11,300 | 64,58,106 12 0 | 174 13 1 | §§ 64,58,281 9 1 |
| | | | Total Rs. .. | 21,89,55,269 5 6 |

†† For Face, Book and Market values of securities held in the Sinking Funds on 31st March 1938, please see Appendix No. 30.

§§ Against this, there is a liability to the extent of Rs. 3,23,870 on account of (1) outstanding charges amounting to Rs. 3,03,370 for 1937-38 and previous years payable in the year 1938–39 and (2) the unclaimed amount of Rs. 20,500 in respect of the debentures of Rs. 20 lakhs loan due for repayment on 1st November 1936 and Rs. 30 lakhs loan due for repayment on 1st November 1937.

I. H. TAUNTON,

*Municipal Commissioner.*

# Appendix No. 26.

## IMPROVEMENT SCHEMES.

*Block Account showing details of Capital Expenditure upto* 31*st March* 1938.

| Particulars. | Capital Expenditure upto 31st March 1937. | Expended during 1937-38. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| CAPITAL ACCOUNT. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| IMPROVEMENT AND STREET SCHEMES— | | | |
| Schedule W Lands .. .. | 12,78,129 4 5 | .... | 12,78,129 4 5 |
| ,, X ,, .. .. | 16,21,966 2 6 | .... | 16,21,966 2 6 |
| ,, Z ,, .. .. | 8 0 0 | .... | 8 0 0 |
| Scheme No. | | | |
| 1 First Nagpada .. .. | 29,16,098 10 6 | .... | 29,16,098 10 6 |
| 2 Princess Street .. .. | 85,08,864 9 4 | .... | 85,08,864 9 4 |
| 3 Sandhurst Road .. .. | 1,13,78,714 13 3 | 380 8 2 | 1,13,79,095 5 5 |
| 4 Gamdevi .. .. | 22,88,001 11 9 | .... | 22,88,001 11 9 |
| 5 Dadar-Matunga .. .. | 97,43,693 11 5 | 1,01,598 6 9 | 98,45,292 2 2 |
| 6 Sion-Matunga .. .. | 95,24,007 11 1 | 1,38,932 6 0 | 96,62,940 1 1 |
| 7 Colaba Reclamation .. .. | 4,78,538 1 10 | .... | 4,78,538 1 10 |
| 8 Mandvi Koliwada .. .. | 26,52,501 4 2 | .... | 26,52,501 4 2 |
| 13 Souter Street Extension—East-wards .. | 68,101 8 5 | .... | 68,101 8 5 |
| 27 Mathew Road .. .. | 14,07,399 2 4 | .... | 14,07,399 2 4 |
| 29 Nowroji Hill .. .. | 84,89,563 1 2 | 25,196 13 0 | 85,14,759 14 2 |
| 30 Souter Street Extension—West-wards .. | 1,30,511 15 4 | .... | 1,30,511 15 4 |
| 31 Parel .. .. | 88,56,641 3 5 | 1,61,180 8 0 | 90,17,821 11 5 |
| 32 East Agripada .. .. | 50,57,935 2 5 | .... | 50,57,935 2 5 |
| 33 Bhatwadi .. .. | 3,28,432 8 4 | .... | 3,28,432 8 4 |
| 36 Lamington Road .. .. | 2,91,191 6 8 | .... | 2,91,191 6 8 |
| 37 Sydenham Road .. .. | 1,39,59,212 13 6 | 55,037 7 0 | 1,40,14,250 4 6 |
| 41 Undria Street .. .. | 5,64,645 8 1 | 1,669 0 0 | 5,66,314 8 1 |
| 43 Parel Road Central .. .. | 38,97,172 2 5 | 285 0 0 | 38,97,457 2 5 |
| 47 Parel Road Northern .. .. | 52,70,905 8 8 | 5,002 1 0 | 52,75,907 9 8 |
| 49 Nepean Sea Road—Reclamation .. | 3,053 7 8 | .... | 3,053 7 8 |
| 50 Mazagaon Street .. .. | 32,45,313 2 9 | 2,271 15 0 | 32,47,585 1 9 |
| 52 Worli Street .. .. | 2,26,89,230 1 5 | 1,26,369 9 11 | 2,28,15,599 11 4 |
| 53 Foras Road .. .. | 36,81,060 12 11 | 920 13 0 | 36,81,981 9 11 |
| 54 Kolbhatwadi .. .. | 21,77,303 5 10 | 1,950 8 0 | 21,79,253 13 10 |
| 56 Dharavi Street .. .. | 70,01,729 13 3 | 2,88,242 12 0 | 72,89,972 9 3 |
| 57 Sewri-Wadala .. .. | 1,85,19,404 11 9 | *Cr.* 1,095 12 6 | 1,85,18,308 15 3 |
| 58 Worli Extension .. .. | 36,51,808 12 2 | 2,712 13 0 | 36,54,521 9 2 |
| 59 Sewri Koliwada .. .. | 5,50,562 8 3 | .... | 5,50,562 8 3 |
| 60 Naigaum Street .. .. | 72,26,845 1 11 | 23,221 8 0 | 72,50,066 9 11 |
| 61 Fergusson Road .. .. | 15,67,363 7 5 | 116 1 0 | 15,67,479 8 5 |
| 62 Love Lane .. .. .. | 16,15,897 3 6 | 2,833 9 0 | 16,18,730 12 6 |
| 66 Mahaluxmi .. .. | 4,81,511 10 3 | 5,041 11 0 | 4,86,553 5 3 |
| 69 Widening of Byculla Bridge .. | 7,20,289 12 8 | .... | 7,20,289 12 8 |
| 71 Chaupati Street .. .. | 24,080 4 0 | 5 0 0 | 24,085 4 0 |
| Chaupati Reclamation .. .. | 1,889 6 6 | .... | 1,889 6 6 |
| East Chaupati Estate .. .. | 563 14 0 | .... | 563 14 0 |
| 72 Tripartite Road .. .. | .... | 494 10 0 | 494 10 0 |
| Lump Provision for Acquisition .. | .... | 2,116 2 0 | 2,116 2 0 |
| | 17,18,70,143 9 3 | 9,44,483 5 4 | 17,28,14,626 14 7 |
| POLICE ACCOMMODATION SCHEMES— | | | |
| Scheme No. | | | |
| 14 First Nagpada .. .. | 84,449 12 0 | .... | 84,449 12 0 |
| 16 Wodehouse Road .. .. | 3,22,666 15 1 | .... | 3,22,666 15 1 |
| 17 Duncan Road .. .. | 58,980 10 6 | .... | 58,980 10 6 |
| 18 Shepherd Road .. .. | 36,223 9 8 | .... | 36,223 9 8 |
| 19 Agripada .. .. | 1,79,119 10 8 | .... | 1,79,119 10 8 |
| 23 Connaught Road .. .. | 79,495 9 11 | .... | 79,495 9 11 |
| 24 Princess Street .. .. | 2,65,953 6 10 | .... | 2,65,953 6 10 |
| 25 Gamdevi .. .. | 1,29,406 10 1 | .... | 1,29,406 10 1 |
| 34 Lamington Road .. .. | 4,61,023 13 10 | .... | 4,61,023 13 10 |
| 35 Sandhurst Road West .. .. | 1,46,104 1 3 | .... | 1,46,104 1 3 |
| Carried forward .. .. | 17,63,424 3 10 | .... | 17,63,424 3 10 |
| Carried forward .. .. | 17,18,70,143 9 3 | 9,44,483 5 4 | 17,28,14,626 14 7 |

## Appendix No. 26—*continued.*

## IMPROVEMENT SCHEMES.

*Block Account showing details of Capital Expenditure upto* **31st** *March* **1938.**

| Particulars. | Total Capital Expenditure upto 31st March 1937. | Expended during 1937-38. | Total Capital Expenditure upto 31st March 1938. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought over .. .. | 17,18,70,143 9 3 | 9,44,483 5 4 | 17,28,14,626 14 7 |
| POLICE ACCOMMODATION SCHEMES—*contd.* | | | |
| Brought over .. .. | 17,63,424 3 10 | .... | 17,63,424 3 10 |
| Scheme No. | | | |
| 39 Sandhurst Road East .. .. | 7,58,892 9 1 | .... | 7,58,892 9 1 |
| 40 Byculla .. .. | 8,28,410 10 11 | .... | 8,28,410 10 11 |
| 44 Maharbaudi .. .. | 2,71,433 9 4 | .... | 2,71,433 9 4 |
| 45 Paltan Road .. .. | 5,71,491 12 7 | .... | 5,71,491 12 7 |
| 46 Naigaum .. .. | 5,69,142 0 3 | .... | 5,69,142 0 3 |
| 48 Mahim .. .. | 4,53,031 9 6 | .... | 4,53,031 9 6 |
| 55 Chinchbunder Road .. .. | 4,32,656 1 11 | .... | 4,32,656 1 11 |
| 55A Mazagaon .. .. | 4,53,560 0 9 | .... | 4,53,560 0 9 |
| 63 King's Circle (Matunga) .. .. | 4,82,184 14 7 | .... | 4,82,184 14 7 |
| 67 Naigaum (for Armed Police and Recruits).. | 24,42,031 5 0 | .... | 24,42,031 5 0 |
| 70 Arthur Road .. .. | 1,58,357 8 0 | .... | 1,58,357 8 0 |
| | 91,84,616 5 9 | .... | 91,84,616 5 9 |
| MILL COMPANY'S CHAWL SCHEMES— | | | |
| Scheme No. | | | |
| 42 Spring Mills .. .. | 5,18,990 0 6 | .... | 5,18,990 0 6 |
| 51 Century Mills .. .. | 1,29,979 10 10 | .... | 1,29,979 10 10 |
| 65 David Mills .. .. | 2,96,852 7 4 | .... | 2,96,852 7 4 |
| | 9,45,822 2 8 | .... | 9,45,822 2 8 |
| MISCELLANEOUS— | | | |
| Survey of the Island of Bombay .. | 1,06,046 9 11 | .... | 1,06,046 9 11 |
| Administrative Offices, etc.— | | | |
| Building on Esplanade Road near Queen's Statue .. .. .. | 3,21,562 11 1 | .... | 3,21,562 11 1 |
| Engineer's Office at Matunga .. .. | 1,38,467 11 9 | .... | 1,38,467 11 9 |
| Central Stores at the back of Frere Fletcher School .. .. .. | 15,656 5 8 | .... | 15,656 5 8 |
| Store yard at Agripada, etc. .. .. | 1,11,453 10 4 | *Cr.* 3,257 7 2 | 1,08,196 3 2 |
| Workshop for Motor Lorries at Agripada .. | 90,367 12 11 | .... | 90,367 12 11 |
| Tools and Plant .. .. .. | 925 10 3 | .... | 925 10 3 |
| Refund of preliminary expenses to Government. | 38,018 11 7 | .... | 38,018 11 7 |
| Preliminary expenses in connection with the Improvement of slum areas .. .. | .... | 9,224 7 0 | 9,224 7 0 |
| | 8,22,499 3 6 | 5,966 15 10 | 8,28,466 3 4 |
| Discount on Loans .. .. | 14,53,358 15 2 | .... | 14,53,358 15 2 |
| Expenses in connection with the Loan of Rs. 10 Lacs .. .. .. | 12,227 4 0 | .... | 12,227 4 0 |
| Grand Total .. | 18,42,88,667 8 4 | *9,50,450 5 2 | 18,52,39,117 13 6 |

* This figure includes Rs. 1,31,660 being the share of cost of Management and Establishment chargeable to Capital Account.

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 27.

## IMPROVEMENT SCHEMES.

*Statement showing Capital value of Scheduled Lands as specified in the Schedules W, X, Y and Z annexed to Act XIII of* 1933.

| Properties. | Area. | Book value. | Total amount. |
|---|---|---|---|
| SCHEDULE "W." | Sq. yds. | Rs. | Rs. |
| The Flats .. .. .. | 12,52,834 | 1,14,191 | |
| „ Kennedy Sea Face .. .. | 4,447 | ..... | |
| *(Cooperage Plot resumed by Government.)* | | | |
| The Marine Lines Estate .. .. | 32,825 | 3,28,250 | |
| *(Marine Lines Maidan resumed by Government).* | | | |
| The Wellington Lines Plot .. .. | 44,038 | 4,40,380 | |
| „ Wodehouse Road Plot .. .. | 41,580 | 4,15,800 | |
| „ Hornby Road Plot .. .. | 41,616 | 8,32,320 | |
| „ Triangular Plot South of Crawford Market .. | 7,707 | 1,54,140 | |
| „ Plot North of Municipal Offices .. .. | 6,811 | 2,04,330 | |
| „ Chaupati West Estate .. .. | 1,11,276 | 6,37,320 | |
| „ Chaupati East Estate .. .. | 4,789 | 47,890 | |
| „ Parel Estate .. .. .. | 34,880 | 1,04,640 | |
| | | | 32,79,261 |
| SCHEDULE "X." | | | |
| The Connaught Road Estate .. .. | 13,858 | 77,237 | |
| „ West Agripada Estate .. .. | 2,27,971 | 6,64,534 | |
| „ Central Agripada Estate .. .. | 2,911 | 10,528 | |
| „ East Agripada Estate .. .. | 65,885 | 6,38,426 | |
| „ Lands at Matunga .. .. | 86,187 | 90,984 | |
| | | | 14,81,709 |
| SCHEDULE "Y." | | | |
| The Nepean Sea Road Plot .. .. | 2,014 | | ..... |
| „ Colaba Reclamation .. .. | 46,580 | | ..... |
| SCHEDULE "Z." | | | |
| The Hornby Road Plot .. .. | 3,250 | | ..... |
| | | | 47,60,970 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 28.

## IMPROVEMENT SCHEMES.

## SINKING FUND.

STATEMENT showing the actual Investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1938, compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1938.

| NAME OF LOAN. | Amount raised. | When raised. | When repayable. | Amount of Half Yearly Sinking Fund Instalment. | Amount of Sinking Fund which should have accumulated upto 31st March 1938 at Compound Interest. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Rs. | | | Rs. | Rs. |
| *4½ per cent. basis.* | | | | | |
| 5 *per cent.* Debenture Loan .. | 40,00,000 | 10th November 1919. | 1st November 1957 .. / 1st November 1979 .. | 6,696 | 3,65,397 |
| 6 *per cent.* Do. .. | (*a*) 70,00,000 | 30th Apr. 1920. | 1st April 1935 .. / 1st April 1980 .. | 21,002 | 2,28,794 |
| 4½ *per cent.* Do. .. | 45,00,000 | 20th Feb. 1922. | 20th February 1982 .. | 7,533 | 3,17,859 |
| 4½ *per cent.* Do. .. | 52,00,000 | 2nd Oct. 1922 | 2nd October 1982 .. | 8,705 | 3,67,309 |
| 4½ *per cent.* Do. .. | 8,00,000 | 22nd Jan. 1923. | 22nd January 1983 .. | 1,339 | 53,947 |
| 4½ *per cent.* Do. .. | 82,00,000 | Do. .. | Do. .. | 13,727 | 5,53,044 |
| 4½ *per cent.* Do. .. | 30,00,000 | 14th Mar. 1923. | 14th March 1983 .. | 5,022 | 2,02,331 |
| 4½ *per cent.* Do. .. | 40,00,000 | 2nd Nov. 1923.. | 2nd November 1983 .. | 6,696 | 2,57,288 |
| 4½ *per cent.* Do. .. | 20,00,000 | 2nd Jan. 1924 | 2nd January 1984 .. | 3,348 | 1,22,539 |
| 4½ *per cent.* Do. .. | 29,00,000 | 5th Mar. 1924 | 5th March 1984 .. | 4,855 | 1,77,696 |
| 4½ *per cent.* Do. .. | 20,00,000 | 1st Nov. 1924.. | 1st November 1984 .. | 3,348 | 1,16,568 |
| 4½ *per cent.* Do. .. | 60,00,000 | 10th Nov. 1924. | 10th November 1984 .. | 10,044 | 3,49,706 |
| 4½ *per cent.* Do. .. | 20,00,000 | 2nd Jan. 1925 | 2nd January 1985 .. | 3,348 | 1,10,729 |
| 4½ *per cent.* Do. .. | 20,00,000 | 2nd Oct. 1925 | 2nd October 1985 .. | 3,348 | 1,05,019 |
| 4½ *per cent.* Do. .. | 15,00,000 | 2nd Nov. 1925.. | 2nd November 1985 .. | 2,511 | 78,764 |
| 4½ *per cent.* Do. .. | 35,00,000 | 2nd Jan. 1926 | 2nd January 1986 .. | 5,859 | 1,74,007 |
| Rs. .. | 5,86,00,000 | | | | 35,80,997 |
| *4 per cent. basis.* | | | | | |
| 4 *per cent.* Rupee Coupon debenture Loan | 50,00,000 | 1st Nov. 1899.. | 1st November 1959 .. | 10,564 | (*b*) 18,31,077 |
| 4 *per cent.* Debenture Loan .. | 30,00,000 | 6th Sept.1901.. | 6th September 1961 .. | 6,280 | 9,92,598 |
| 4 *per cent.* Do. .. | 30,00,000 | 15th July 1902 | 15th July 1962 .. | 6,280 | 9,41,861 |
| 4 *per cent.* Do. .. | 60,00,000 | 20th Aug. 1903 | 20th August 1963 .. | 12,560 | 17,86,191 |
| 4 *per cent.* Do. .. | 50,00,000 | 7th Sept. 1904 | 7th September 1964 .. | 10,493 | (*c*) 14,09,512 |
| 4 *per cent.* Do. .. | 30,00,000 | 12th Sept. 1905 | 12th September 1965 .. | 6,280 | 8,01,168 |
| 5 *per cent.* Do. .. | 25,00,000 | 17th Sept. 1926 | 16th September 1956 .. / 16th September 1986 .. | 5,233 | 1,42,855 |
| 4½ *per cent.* Do. .. | 20,00,000 | 7th Nov. 1928. | 1st November 1938 .. | 4,187 | 83,791 |
| 5½ *per cent.* Do. .. | 25,00,000 | 4th Nov. 1929. | 1st November 1944 .. | 5,233 | 97,540 |
| Rs. .. | 3,20,00,000 | | | | 80,86,593 |
| *3½ per cent. basis.* | | | | | |
| 4 *per cent.* Debenture Loan .. | 25,00,000 | 4th Oct. 1927 | 4th April 1961 .. / 4th October 1970 .. | 12,695 | 3,00,892 |
| 5 *per cent.* Do. .. | 10,00,000 | 31st Mar. 1933. | 31st March 1943 .. | 9,814 | 1,06,240 |
| Rs. .. | 35,00,000 | | | | 4,07,132 |
| *3 per cent. basis.* | | | | | |
| 4 *per cent.* Debenture Loan .. | 20,00,000 | 2nd Oct. 1906.. | 2nd October 1966 .. | 6,148 | (*d*) 6,21,521 |
| 4 *per cent.* Do. .. | 15,00,000 | 24th Sept. 1907 | 24th September 1967 .. | 4,610 | 4,43,550 |
| 4 *per cent.* Do. .. | 30,00,000 | 8th Sept. 1908 | 8th September 1968 .. | 9,219 | 8,42,948 |
| 4 *per cent.* Sterling Coupon Debenture Loan (£ 5,66,600) .. | 84,99,000 | 1st July 1909.. | 1st July 1969 .. | 25,654 | 22,85,759 |
| 4 *per cent.* Do. (£ 3,33,000) .. | 49,95,000 | 1st July 1910.. | 1st July 1970 .. | 15,077 | 12,74,454 |
| 4 *per cent.* Debenture Loan .. | 25,00,000 | 28th Aug. 1912 | 28th August 1972 .. | 7,683 | 5,66,105 |
| 4 *per cent.* Do. .. | 18,00,000 | 26th Aug. 1913 | 26th August 1973 .. | 5,532 | 3,84,835 |
| 4 *per cent.* Do. .. | 50,00,000 | 4th Aug. 1914 | 4th August 1974 .. | 15,365 | 10,07,458 |
| 4 *per cent.* Do. .. | 25,00,000 | 3rd Jan. 1916.. | 3rd January 1976 .. | 7,683 | 4,73,955 |
| 3½ *per cent.* Do. .. | 10,00,000 | 31st Jan. 1936. | 14th March 1966 .. | 21,019 | (*e*) 42,731 |
| Rs. .. | 3,27,94,000 | | | | 79,43,316 |
| Grand Total .. | 12,68,94,000 | | | Total Rs. | 2,00,18,038 |

| | Amount actually invested upto 31st March 1938. | | | | Amount of interest accrued upto 31st March 1938, collected and invested in 1938-39. | Total of Columns 5 and 6. |
|---|---|---|---|---|---|---|
| | Amount of Sinking Fund invested upto 31st March 1937. | Sinking Fund Instalments paid in 1937-38. | Interest, etc., accumulations invested in 1937-38. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Sinking Funds .. | 2,10,01,544 14 11 | 6,15,241 0 0 | 9,56,614 0 0 | 2,25,73,399 14 11 | | |
| Less Repayment .. | .... | .... | .... | 76,500 0 0 | | |
| | | | | 2,24,96,899 14 11 | | |
| In Public Securities as detailed in Appendix No. 30 .. | .... | .... | .... | 2,24,96,549 0 0 | | |
| In Cash with the Imperial Bank of India .. | .... | .... | .... | 350 14 11 | | |
| Total .. | .... | .... | .... | 2,24,96,899 14 11 | 1,15,134 4 8 | 2,26,12,034 3 7 |

(*a*) Out of Rs. 70 lakhs loan Debentures for Rs. 4 lakhs held by the public were repaid on 1-4-35 under the option reserved to the Corporation, leaving a balance of Rs. 66 lakhs. The amount of half yearly sinking fund instalment has been changed with effect from 1-4-35 from Rs. 12,002 to Rs. 21,002 as under:—

| | |
|---|---|
| The usual half-yearly S. F. instalment .. .. .. .. .. .. .. .. | Rs. 12,002 |
| Half-yearly interest at 4½ % on the portion of Rs. 4 lakhs repaid out of S. F. accumulations .. | ,, 9,000 |
| | Rs. 21,002 |

(*b*) 16 instalments of Rs. 10,240 each and the rest at Rs. 10,564.
(*c*) 5 instalments of Rs. 10,240 each and the rest at Rs. 10,493.
(*d*) 1 instalment of Rs. 6,037 and the rest at Rs. 6,148.
(*e*) This amount to be invested annually.

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix

## IMPROVEMENT

*Statement showing outstanding loans of the Bombay Improvement Trust due by the payable for the year* 1937-38, *the amount paid during that year and the*

| No. | Particulars of Loans. | Amount raised. | Balance due on 1st April 1937. | Rate of Interest. | Amount raised in 1937-38. | Total. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | *Loans raised from Government.* | Rs. a. | Rs. a. p. | | Rs. a. | Rs. a. p. |
| 1 | Consolidation Loan in respect of Conversion Loan 1935-36, Rs. 35 Lakhs Loan, and Rs. 8 Lakhs Loan .. .. | 4,17,94,178 1 | 4,12,34,207 12 0 | 3·3759 Per cent. | | 4,12,34,207 12 0 |
| 2 | 45 Lakhs Loan 1922 .. .. .. | 45,00,000 0 | 28,61,753 0 0 | 4¾ Do. | | 28,61,753 0 0 |
| | | | 16,38,247 0 0 | 4½ Do. | | 16,38,247 0 0 |
| 3 | 52 „ October 1922 .. .. .. | 52,00,000 0 | | | | |
| 4 | 8 „ 22nd January 1923 .. .. | 8,00,000 0 | 1,09,38,247 0 0 | 5½ Do. | | 1,09,38,247 0 0 |
| 5 | 82 „ 22nd January 1923 .. .. | 82,00,000 0 | 62,61,753 0 0 | 4½ Do. | | 62,61,753 0 0 |
| 6 | 30 „ 14th March 1923 .. .. | 30,00,000 0 | | | | |
| 7 | 40 „ 2nd November 1923 .. .. | 40,00,000 0 | 58,00,000 0 0 | 5½ Do. | | 58,00,000 0 0 |
| 8 | 20 „ 2nd January 1924 .. .. | 20,00,000 0 | 31,00,000 0 0 | 4½ Do. | | 31,00,000 0 0 |
| 9 | 29 „ 5th March 1924 .. .. | 29,00,000 0 | | | | |
| 10 | 20 „ 1st November 1924 .. .. | 20,00,000 0 | 74,00,000 0 0 | 5 Do. | | 74,00,000 0 0 |
| 11 | 60 „ 10th November 1924 .. .. | 60,00,000 0 | 26,00,000 0 0 | 4½ Do. | | 26,00,000 0 0 |
| 12 | 20 „ 2nd January 1925 .. .. | 20,00,000 0 | | | | |
| 13 | 20 „ 2nd October 1925 .. .. | 20,00,000 0 | 64,00,000 0 0 | 5½ Do. | | 64,00,000 0 0 |
| 14 | 15 „ 2nd November 1925 .. .. | 15,00,000 0 | 6,00,000 0 0 | 4½ Do. | | 6,00,000 0 0 |
| 15 | 35 „ 2nd January 1925 .. .. | 35,00,000 0 | | | | |
| | Total loans raised from Government .. | 8,93,94,178 1 | 8,88,34,207 12 0 | | | 8,88,34,207 12 0 |
| | *Loans raised from the Public.* | | | | | |
| 1 | 50 Lakhs 1899 Rupee Coupon Debenture Loan .. | 50,00,000 0 | 50,00,000 0 0 | 4 Per cent. | | 50,00,000 0 0 |
| 2 | 30 Lakhs Loan 1901 .. .. .. | 30,00,000 0 | 30,00,000 0 0 | 4 Do. | | 30,00,000 0 0 |
| 3 | 30 „ 1902 .. .. .. | 30,00,000 0 | 30,00,000 0 0 | 4 Do. | | 30,00,000 0 0 |
| 4 | 60 „ 1903 .. .. .. | 60,00,000 0 | 60,00,000 0 0 | 4 Do. | | 60,00,000 0 0 |
| 5 | 50 „ 1904 .. .. .. | 50,00,000 0 | 50,00,000 0 0 | 4 Do. | | 50,00,000 0 0 |
| 6 | 30 „ 1905 .. .. .. | 30,00,000 0 | 30,00,000 0 0 | 4 Do. | | 30,00,000 0 0 |
| 7 | 20 „ 1906 .. .. .. | 20,00,000 0 | 20,00,000 0 0 | 4 Do. | | 20,00,000 0 0 |
| 8 | 15 „ 1907 .. .. .. | 15,00,000 0 | 15,00,000 0 0 | 4 Do. | | 15,00,000 0 0 |
| 9 | 30 „ 1908 .. .. .. | 30,00,000 0 | 30,00,000 0 0 | 4 Do. | | 30,00,000 0 0 |
| 10 | Sterling Coupon Debenture Loan 1909 (£ 5,66,600) .. | 84,99,000 0 | 84,99,000 0 0 | 4 Do. | | 84,99,000 0 0 |
| 11 | „ „ 1910 (£ 3,33,000) .. | 49,95,000 0 | 49,95,000 0 0 | 4 Do. | | 49,95,000 0 0 |
| 12 | 25 Lakhs Loan 1912 .. .. .. | 25,00,000 0 | 25,00,000 0 0 | 4 Do. | | 25,00,000 0 0 |
| 13 | 18 „ 1913 .. .. .. | 18,00,000 0 | 18,00,000 0 0 | 4 Do. | | 18,00,000 0 0 |
| 14 | 50 „ 1914 .. .. .. | 50,00,000 0 | 50,00,000 0 0 | 4 Do. | | 50,00,000 0 0 |
| 15 | 25 „ 1916 .. .. .. | 25,00,000 0 | 25,00,000 0 0 | 4 Do. | | 25,00,000 0 0 |
| 16 | 40 „ 1919 .. .. .. | 40,00,000 0 | 40,00,000 0 0 | 5 Do. | | 40,00,000 0 0 |
| 17 | 70 „ 1920 .. .. .. | 70,00,000 0 | 66,00,000 0 0 | 6 Do. | | 66,00,000 0 0 |
| 18 | 25 „ 1926 .. .. .. | 25,00,000 0 | 25,00,000 0 0 | 5 Do. | | 25,00,000 0 0 |
| 19 | 25 „ 1927 .. .. .. | 25,00,000 0 | 25,00,000 0 0 | 4 Do. | | 25,00,000 0 0 |
| 20 | 20 „ 1928 .. .. .. | 20,00,000 0 | 20,00,000 0 0 | 4½ Do. | | 20,00,000 0 0 |
| 21 | 25 „ 1929 .. .. .. | 25,00,000 0 | 25,00,000 0 0 | 5½ Do. | | 25,00,000 0 0 |
| 22 | 20 „ 1930 .. .. .. | 20,00,000 0 | 25,500 0 0 | 6 Do. | | 25,500 0 0 |
| 23 | 30 „ 1931 .. .. .. | 30,00,000 0 | 30,00,000 0 0 | 6½ Do. | | 30,00,000 0 0 |
| 24 | 10 „ 1933 .. .. .. | 10,00,000 0 | 10,00,000 0 0 | 5 Do. | | 10,00,000 0 0 |
| 25 | 10 „ 1935 .. .. .. | 10,00,000 0 | 10,00,000 0 0 | 3½ Do. | | 10,00,000 0 0 |
| | Total Loans raised from the Public .. | 8,42,94,000 0 | 8,19,19,500 0 0 | | | 8,19,19,500 0 0 |
| | Grand Total .. | 17,36,88,178 1 | 17,07,53,707 12 0 | | | 17,07,53,707 12 0 |

M. R. TAMBE,
*Chief Accountant.*

# No. 29.

## SCHEMES.

*Municipality, the interest outstanding on 1st April 1937, on the different loans, the amount balances outstanding on 31st March 1938.*

| Amount repaid in 1937-38. | Balance due on 31st March 1938. | Interest outstanding on 1st April 1937. | Interest payable in 1937-38. | Total interest due. | Deduct interest paid during the year. | Outstanding balance on 31st March 1938. |
|---|---|---|---|---|---|---|
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 6,42,120 6 0 | 4,05,92,087 6 0 | | 12,65,349 0 0 | 12,65,349 0 0 | 11,53,987 10 0 | 1,11,361 6 0 |
| | 27,16,592 0 0 (a) | | 1,35,933 4 0 | 1,35,933 4 0 | 1,35,933 4 0 | .... |
| | 17,83,408 0 0 (a) | | 73,721 12 0 | 73,721 12 0 | 73,721 2 0 | 0 10 0 |
| | 1,03,83,408 0 0 (b) | | 6,01,603 9 0 | 6,01,603 9 0 | 6,01,603 9 0 | .... |
| | 68,16,592 0 0 (b) | | 2,81,779 7 0 | 2,81,779 7 0 | 2,81,778 14 0 | 0 9 0 |
| | 55,00,000 0 0 (c) | | 3,04,500 0 0 | 3,04,500 0 0 | 3,04,500 0 0 | .... |
| | 34,00,000 0 0 (c) | | 1,39,500 0 0 | 1,39,500 0 0 | 1,39,500 0 0 | .... |
| | 71,00,000 0 0 (d) | | 3,70,000 0 0 | 3,70,000 0 0 | 3,70,000 0 0 | .... |
| | 29,00,000 0 0 (d) | | 1,17,000 0 0 | 1,17,000 0 0 | 1,17,000 0 0 | .... |
| | 63,00,000 0 0 (e) | | 3,36,000 0 0 | 3,36,000 0 0 | 3,36,000 0 0 | .... |
| | 7,00,000 0 0 (e) | | 27,000 0 0 | 27,000 0 0 | 27,000 0 0 | .... |
| 6,42,120 6 0 | 8,81,92,087 6 0 | .... | 36,52,387 0 0 | 36,52,387 0 0 | 35,41,024 7 0 | * 1,11,362 9 0 |
| | 50,00,000 0 0 | 1,348 15 4 | 2,00,000 0 0 | 2,01,348 15 4 | 2,00,160 0 0 | 1,188 15 4 |
| | 30,00,000 0 0 | 1,417 5 10 | 1,20,000 0 0 | 1,21,417 5 10 | 1,19,423 3 0 | 1,994 2 10 |
| | 30,00,000 0 0 | 3,770 14 0 | 1,20,000 0 0 | 1,23,770 14 0 | 1,20,454 2 6 | 3,316 11 6 |
| | 60,00,000 0 0 | 4,093 14 7 | 2,40,000 0 0 | 2,44,093 14 7 | 2,39,036 13 3 | 5,057 1 4 |
| | 50,00,000 0 0 | 7,649 8 0 | 2,00,000 0 0 | 2,07,649 8 0 | 1,99,426 12 1 | 8,222 11 11 |
| | 30,00,000 0 0 | 2,177 1 4 | 1,20,000 0 0 | 1,22,177 1 4 | 1,20,360 0 0 | 1,817 1 4 |
| | 20,00,000 0 0 | 3,487 2 3 | 80,000 0 0 | 83,487 2 3 | 81,210 13 6 | 2,276 4 [illegible] |
| | 15,00,000 0 0 | 2,570 0 0 | 60,000 0 0 | 62,570 0 0 | 59,600 0 0 | 2,970 0 0 |
| | 30,00,000 0 0 | 2,872 8 0 | 1,20,000 0 0 | 1,22,872 8 0 | 1,14,992 15 0 | 7,879 9 0 |
| | 84,99,000 0 0 | 2,260 0 0 | 3,06,442 0 0 | 3,08,702 0 0 | 3,02,700 15 0 | 180 0 0<br>*5,821 1 0<br>620 0 0<br>*3,422 3 6 |
| | 49,95,000 0 0 | 480 0 0 | 1,80,102 0 0 | 1,80,582 0 0 | 1,76,539 12 6 | |
| | 25,00,000 0 0 | 2,475 11 4 | 1,00,000 0 0 | 1,02,475 11 4 | 1,01,081 3 8 | 1,394 7 8 |
| | 18,00,000 0 0 | 9,278 5 0 | 72,000 0 0 | 81,278 5 0 | 70,376 3 0 | 10,902 2 0 |
| | 50,00,000 0 0 | 1,891 4 0 | 2,00,000 0 0 | 2,01,891 4 0 | 2,00,718 9 0 | 1,172 11 0 |
| | 25,00,000 0 0 | .... | 1,00,000 0 0 | 1,00,000 0 0 | 1,00,000 0 0 | .... |
| | 40,00,000 0 0 | 25 0 0 | 2,00,000 0 0 | 2,00,025 0 0 | 1,99,850 0 0 | 175 0 0 |
| | 66,00,000 0 0 | .... | 3,96,000 0 0 | 3,96,000 0 0 | 3,96,000 0 0 | .... |
| | 25,00,000 0 0 | 225 0 0 | 1,25,000 0 0 | 1,25,225 0 0 | 1,24,887 8 0 | 337 8 0 |
| | 25,00,000 0 0 | 220 0 0 | 1,00,000 0 0 | 1,00,220 0 0 | 1,00,200 0 0 | 20 0 0 |
| | 20,00,000 0 0 | .... | 90,000 0 0 | 90,000 0 0 | 89,616 0 0 | 384 0 0 |
| | 25,00,000 0 0 | .... | 1,37,500 0 0 | 1,37,500 0 0 | 1,36,675 0 0 | 825 0 0 |
| 8,000 0 0 | † 17,500 0 0 | 1,230 0 0 | .... | 1,230 0 0 | 880 0 0 | 350 0 0 |
| 29,97,000 0 0 | † 3,000 0 0 | 7,905 12 0 | 1,62,500 0 0 | 1,70,405 12 0 | 1,69,944 8 4 | 461 3 8 |
| | 10,00,000 0 0 | 25,000 0 0 | 50,000 0 0 | 75,000 0 0 | 50,000 0 0 | 25,000 0 0 |
| | 10,00,000 0 0 | 17,500 0 0 | 35,000 0 0 | 52,500 0 0 | 35,000 0 0 | 17,500 0 0 |
| 30,05,000 0 0 | 7,89,14,500 0 0 | 97,878 5 8 | 35,14,544 0 0 | 36,12,422 5 8 | 35,09,134 6 10 | 94,044 10 4<br>*9,243 4 6 |
| 36,47,120 6 0 | 16,71,06,587 6 0 | 97,878 5 8 | 71,66,931 0 0 | 72,64,809 5 8 | 70,50,158 13 10 | 94,044 10 4<br>*1,20,605 13 6 |

* To be treated as savings.

† This amount is to be paid out of Capital Account.

| | Amount of loan outstanding on 1st April 1937. | Amount of debentures held by Govt. on 1st April 1937. | Amount of debentures re-purchased during 1937-38. | Amount of debentures held by Govt. on 31st March 1938. | Amount of debentures held by the Corporation on 31st March 1938. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| (a) | 45,00,000 | 28,61,753 | 1,45,161 | 27,16,592 | 17,83,408 |
| (b) | 1,72,00,000 | 1,09,38,247 | 5,54,839 | 1,03,83,408 | 68,16,592 |
| (c) | 89,00,000 | 58,00,000 | 3,00,000 | 55,00,000 | 34,00,000 |
| (d) | 1,00,00,000 | 74,00,000 | 3,00,000 | 71,00,000 | 29,00,000 |
| (e) | 70,00,000 | 64,00,000 | 1,00,000 | 63,00,000 | 7,00,000 |
| Total Rs. .. | 4,76,00,000 | 3,34,00,000 | 14,00,000 | 3,20,00,000 | 1,56,00,000 |

I. H. TAUNTON,
*Municipal Commissioner.*

# Appendix No. 30.

## IMPROVEMENT SCHEMES.

*Comparison of Face, Purchase and Market Values at 31st March 1938 of the different Securities held in the Sinking Fund (vide para 47 of the Chief Accountant's report).*

| Particulars of Securities. | Face Value. | Book Value. | Market rate per cent. | Value at Market rates (B. I. Trust and Municipal Debentures being valued at par.) |
|---|---|---|---|---|
| | Rs. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 3½ per cent. Government Loan 1947-50 .. .. | 1,94,300 | 1,88,075 8 0 | 106 1 0 | 2,06,079 7 0 |
| 4 per cent. Government Loan 1960-70 .. .. | 6,97,500 | 6,75,591 12 0 | 113 15 0 | 7,94,714 1 0 |
| 5 per cent. Government Loan 1939-44 .. .. | 3,92,800 | 3,79,016 12 0 | 104 0 0 | 4,08,512 0 0 |
| 4 per cent. Bombay Port Trust Debentures .. .. | 3,17,000 | 2,84,726 14 0 | 110 0 0 | 3,48,700 0 0 |
| 4 per cent. Bombay Municipal Debentures .. .. | 1,84,500 | 1,79,426 4 0 | Par | 1,84,500 0 0 |
| 4 per cent. Bombay Improvement Trust Debentures .. | 24,75,600 | 22,96,377 4 0 | " | 24,75,600 0 0 |
| 4½ per cent. Bombay Improvement Trust Debentures .. | 1,40,40,200 | 1,40,40,200 0 0 | " | 1,40,40,200 0 0 |
| 5 per cent. Bombay Improvement Trust Debentures .. | 9,81,500 | 9,05,409 10 0 | " | 9,81,500 0 0 |
| 6 per cent. Bombay Improvement Trust Debentures .. | 21,69,000 | 21,85,725 0 0 | " | 21,69,000 0 0 |
| 4 per cent. B. I. Trust Sterling Debentures .. .. | £ 90,800 | 13,62,000 0 0 | Par. @ 1/6-3/32 | 12,04,393 12 6 |
| Total .. | Rs. 2,14,52,400<br>£ 90,800 | 2,24,96,549 0 0 | | 2,28,13,199 4 6 |

M. R. TAMBE,
*Chief Accountant.*

I. H. TAUNTON,
*Municipal Commissioner.*

# REVENUE.

No. MC/S.R./1216 of 30*th July* 1938.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit the Annual Report on the working of the Assessment and Collection Department during the year 1937-38.

Mr. S. N. Thosar, B.A., LL.B., was in charge of this Department from 1st April 1937 to 24th April 1937 and retired on 25th April 1937 on account of superannuation. Mr. D. S. Samant, B.A., Dy. Assessor, looked after urgent work from 25th April 1937 to 2nd May 1937 and on the retirement of Mr. N. S. Kowshik on 3rd May 1937, Mr. G. T. Patankar was in charge of the Department from that date till the end of the year.

**Rates of Taxation.—**

The rates of taxation levied on buildings and lands in the City were the same as in the preceding year, viz., General Tax including Fire Tax at 11½ per cent., Water Tax at 3¾ per cent. and Halalkhore Tax at 3 per cent. The rates levied for the supply of water by meter measurement to different classes of properties continued to be the same as in the preceding year except that the rate for water supplied to the Thana Municipality and Bhandup was reduced from annas 14 to annas 10 per 1,000 gallons.

**Property Taxes.—**

The total number of properties standing in the Assessment Book on 31st March 1938 was 48,207 classified into (1) Buildings 38,868, (2) Salt Pans 70 and (3) Lands, including tanks, wells, &c., 9,269 as against 48,164 on 31st March 1937, classified into (1) Buildings 38,716, (2) Salt Pans 70 and (3) Lands including tanks, wells, &c., 9,378. Out of the aforesaid 48,207 properties 38,050 were assessed to General Tax, 1,385 were exempted from it under Section 143 (1) (*a*) of the Municipal Act and 7,057 were not taxed, being small plots of waste land, &c. These last do not include lands belonging to Government, or the Port Trust, or the Railways, which are separately assessed. The number of Municipal properties exempted from General Tax under Section 143 (1) (*b*) of the Municipal Act during the year was 1,088.

Properties newly erected, demolished and enlarged in 1937-38 numbered 1,152, 769 and 823 respectively, the corresponding figures for the year 1936-37 being 1,049, 646 and 698. During the year under report 213 chawls with 3,705 tenements and 408 other buildings with 4,156 tenements were newly constructed and were assessed to property taxes.

Rateable Value—On 31st March 1938—Rs. 13,62,69,866 and on 31st March 1937—Rs. 13,31,56,299.

**Demand.—**

| | Rs. |
|---|---|
| For 1937-38 .. .. .. .. .. .. .. | 2,54,16,943 |
| *Add*— | |
| Demand for previous years outstanding on the 1st April 1937 .. .. .. .. .. .. .. .. | 56,90,174 |
| Demand for previous years issued during the year .. .. | 5,65,958 |
| Supplementary claim from Government for the quinquennium 1929-34 .. .. .. .. .. .. | 5,952 |
| Total demand .. | 3,16,79,027 |

| *Deduct*— | Rs. | Rs. | Rs. |
|---|---|---|---|
| Amount of bills for previous years recalled for amendment .. .. | 7,55,929 | | |
| Port Trust—written off .. .. | 1,18,322 | (due to structures held on monthly tenancy having been merged in the Award for Port Trust properties for the quinquennium 1934-39). | |
| Amount of drawback allowed .. | 3,24,598 | | |
| | | 11,98,849 | |
| | | Total net demand.. | 3,04,80,178 |

The total number of bills issued was 82,651 of which 81,777 were for 1937-38 and 874 for previous years.

**Collection and Outstandings.—**

| Particulars. | Amount collected during 1937-38. | Amount outstanding on 31st March 1938. | |
|---|---|---|---|
| | Rs. | Rs. | |
| (1) For 1937-38 .. .. .. .. | 2,05,83,773 | 28,28,716 | |
| (2) Government Contribution (1936-37).. | 4,11,635 | 44,325 | for 1935-36 |
| | | 1,64,062 | for 1936-37 |
| | | 5,75,697 | for 1937-38 |
| (2A) Government Supplementary claim for the quinquennium 1929-34 .. | 5,953 | | |
| (3) Port Trust (Contribution for 1937-38). | 11,04,159 | | |
| (4) For past and previous years .. .. | 24,39,396 | 23,22,462 | |
| Total Rs. .. | 2,45,44,916 | 59,35,262 | |

**Tax on Vehicles and Animals.—**

Particulars of vehicles and animals taxed during the year (exclusive of those taxed under the Public Conveyances Act) are as under :—

| | Number. |
|---|---|
| Four-wheeled vehicles drawn by animals .. .. .. | 296 |
| Two-wheeled vehicles drawn by animals .. .. .. .. | 535 |
| Horses (including those in commission stables) .. .. .. | 1,246 |
| Motor Cars and Lorries .. .. .. .. .. .. | 8,683 |
| Motor Cycles .. .. .. .. .. .. .. | 198 |
| Motor Cycles with side cars .. .. .. .. .. | 77 |
| Hand Carts .. .. .. .. .. .. .. .. | 1,435 |
| Ponies .. .. .. .. .. .. .. .. | 21 |
| Bullocks .. .. .. .. .. .. .. .. | 895 |

**Demand.—**

| | Rs. |
|---|---|
| For 1937-38 .. .. .. .. .. .. .. | 9,07,206 |
| Demand for previous years outstanding on 1st April 1937. | 1,35,407 |
| Demand for previous years issued during the year .. | 55,905 |
| Total demand .. | 10,98,518 |

*Deduct—*

| | Rs. | Rs. |
|---|---|---|
| Amount of bills for previous years recalled for amendment | 14,004 | |
| Total net demand .. | | 10,84,514 |

The total number of bills for tax on vehicles and animals issued was 35,673, 33,338 being for 1937-38 and 2,335 for previous years.

**Collection and Outstandings.—**

| Particulars. | Amount collected during 1937-38. | Amount outstanding on 31st March 1938. |
|---|---|---|
| | Rs. | Rs. |
| (1) For 1937-38 .. .. .. .. .. .. | 7,65,773 | 1,41,434 |
| (2) For past and previous years .. .. .. .. | 1,36,813 | 40,495 |
| Total .. | 9,02,586 | 1,81,929 |

**Total Demand, Collection and Outstandings of all taxes.—**

| Particulars. | Demand in 1937-38. | Amount collected during 1937-38. | Amount outstanding on 31st March 1938. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| (1) Property taxes .. .. .. | 3,04,80,178 | 2,45,44,916 | 59,35,262 |
| (2) Tax on Vehicles and Animals .. | 10,84,514 | 9,02,586 | 1,81,928 |
| Total .. | 3,15,64,692 | 2,54,47,502 | 61,17,190 |

**Total net demand, and outstandings compared with those of previous years.—**

The net demand for, and outstandings at the close of the year under report, and the preceding two years, were as under :—

| Year. | Total net demand. | Outstanding on 31st March. |
|---|---|---|
| | Rs. | Rs. |
| 1937-38 .. .. .. .. | 3,15,64,692 | 61,17,190 |
| 1936-37 .. .. .. .. | 3,03,41,542 | 58,25,580 |
| 1935-36 .. .. .. .. | 2,98,47,279 | 57,70,549 |

The outstandings which at the end of the year under report amounted to Rs. 61,17,190 as under, stood reduced to Rs. 49,01,626 on the 30th June 1938, Rs. 11,35,439 having been collected and bills for Rs. 80,125 recalled and cancelled.

| Particulars. | | Amount outstanding on 31st March 1938. | Amount recovered upto 30th June 1938. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| 1. (*a*) Government contribution (General Tax for 1935-36 & 1936-37 under Section 144) .. | 2,08,387 | | |
| Government contribution (General Tax for the year 1937-38 .. .. .. .. .. | 5,75,697 | | |
| | | 7,84,084 | 1,73,192 |
| (*b*) Government (property taxes) .. .. .. | | 62,834 | 19,391 |
| 2. Bombay Port Trust .. .. .. .. .. | | 1,172 | 147 |
| 3. Bombay Municipal Corporation (Impts.) .. .. | | 16,213 | 225 |
| 4. G. I. P. Railway .. .. .. .. .. | | 15,80,902 | 57 |
| 5. B. B. & C. I. Ry. Co. .. .. .. .. .. | | 11,18,742 | 16,907 |
| 6. Mills .. .. .. .. .. .. .. | | 1,87,436 | 64,224 |
| 7. Other ratepayers .. .. .. .. .. | | 23,65,807 | 8,61,296 |
| Total .. | | 61,17,190 | 11,35,439 |

1. (*a*) Out of Rs. 7,84,084 shown as outstanding, Government, as usual, paid in arrear a sum of Rs. 1,73,192 provisionally towards their contribution for the year 1937-38. A further sum of Rs. 2,38,443 has since been received from them on this account, leaving a balance of Rs. 3,72,449 to be adjusted subsequently when the question of allowing exemption in respect of educational and medical institutions belonging to them is finally settled.

(*b*) Out of a sum of Rs. 62,834 due from Government in respect of bungalows let to their Officers, which are assessed as private properties, a sum of Rs. 19,391 has been paid leaving a balance of Rs. 43,443. The question regarding the levy of water and halalkhore taxes in respect thereof has been finally settled by Government (*vide* G. R. No. 1646/33, G. D., dated 20-6-1938); and payment is expected shortly.

2. Out of a sum of Rs. 1,172 shown as outstanding against the Bombay Port Trust, a sum of Rs. 147 has been paid and payment of the balance of Rs. 1,025 due for special halalkhore tax is expected shortly.

3. Recovery of Rs. 16,213 due from the Bombay Municipal Corporation (Impts.) is a matter of departmental adjustment after the disputes raised are settled.

4-5. Out of the amount of Rs. 26,99,644 shown as outstanding against the two Railway Administrations, a sum of Rs. 16,964 was recovered upto 30-6-1938 leaving a balance of Rs. 26,82,680 which represents the amount of taxes on the difference between the old and the revised values for the five years from 1932-33 to 1936-37 as well as the taxes due for the year 1937-38, as the complaints against the revised values are still pending as stated below.

6. The sum of Rs. 1,87,436 shown as outstanding on 31-3-1938 in respect of Mills (Textile) was subsequently reduced to Rs. 1,53,454 as the values of three Mills of the Currimbhoy Group were modified in terms of the judgment of the Chief Judge of the Small Causes Court in Appeal No. 53/1934. Out of the said sum of Rs. 1,53,454, Rs. 64,224 were recovered upto 30th June 1938, and a further sum of Rs. 17,173, was also recovered, leaving a balance of Rs. 72,057. Of this amount, Rs. 70,783 represent taxes due for the period from 1-4-1933 to 30-9-1937 by two Mills of the Currimbhoy group which went into voluntary liquidation, and legal action for recovery thereof is in progress. The balance of Rs. 1,274 is due by the Modern Mills; and the dispute raised by them in this behalf is being settled.

7. Out of Rs. 23,65,807 shown as outstanding against other ratepayers, a sum of about Rs. 2,59,855 is in respect of suits filed or being filed; Rs. 76,332 are payable by the Court Receiver and the Official Assignee and a sum of about Rs. 66,940 is payable by monthly instalments by ratepayers who, in consideration of their financial difficulties, have been allowed the said concession by the Municipal Commissioner and in one case with the approval of the Standing Committee. A sum of Rs. 6,880 defalcated by a Ward Inspector of D Ward under prosecution will have to be written off as irrecoverable after two years from 21st December 1936 (*vide* Standing Committee Resolution No. 1210 of 21st December 1936).

It will be seen from the above that recovery of sums aggregating Rs. 41,61,391 was beyond the control of the staff of this Department. The remaining outstandings amount to Rs. 19,55,799 which is about 6 per cent. of the net demand for the year.

The following statements of comparative figures for 1937-38 and 1936-37 of (A) General Tax, (B) Water Tax, (C) Halalkhore Tax, (D) Rateable value and (E) Total demand, collection and outstandings in respect of all taxes are appended. Statement (F) showing the particulars of the different Riot Taxes and statement (G) showing particulars of properties the rateable values of which yielded on re-valuation in the year 1937-38 an increase in each case of not less than Rs. 2,000 are also attached.

*Miscellaneous Receipts—*

Miscellaneous receipts realised from notices of demand, distress warrants, Battaki fees, inspection fees and other items amounted to Rs. 8,066 against Rs. 7,279 in the preceding year.

*Meter Hire—*

Receipts from meter hire amount to Rs. 64,421 against Rs. 62,783 for 1936-37 Rs. 3,540 remained uncollected at the close of the year.

*Exemption—*

The amount of exemption allowed in respect of General Tax on properties entitled to such exemption under Sections 143 (1) (*a*) and (*b*), 144 (3) and 145 (3) of the Municipal Act was equivalent to Rs. 9,89,103 against Rs. 9,82,088 for 1936-37.

*Drawback—*

The total number of claims for one-fifth drawback received during the year was 10,729 against 10,403 in the preceding year and the rebate allowed in respect of claims admitted amounted to Rs. 3,24,598 against Rs. 3,10,615 in the preceding year.

*Refund—*

3,067 certificates of refund of taxes due to vacant flats and floors and over collections were issued during the year under report in respect of 1937-38 and previous years for amounts as under :—

| | Rs. |
|---|---|
| General Tax .. .. .. .. .. .. .. | 9,86,614 |
| Water Tax on rateable value .. .. .. .. | 47,596 |
| Charges for water supplied by meter measurement .. | 103 |
| Compounded water tax .. .. .. .. .. | 13 |
| Halalkhore Tax on value .. .. .. .. .. | 80,840 |
| Special Halalkhore Tax .. .. .. .. .. | 15 |
| Tax on vehicles and animals .. .. .. .. | 518 |
| Meter Hire .. .. .. .. .. .. .. | 182 |
| Notice Fee .. .. .. .. .. .. .. | 3 |
| Total Rs. .. .. | 11,15,884 |

This amount includes Rs. 7,09,936 refunded to the Bombay Port Trust and Rs. 1,23,300 refunded to the Mills on account of over-collection.

COMPLAINTS AND APPEALS AGAINST VALUATIONS—

There were 656 complaints under Section 167 of the Act against assessments amounting to Rs. 44,92,748 net, fixed during the currency of the year, and 3,800 complaints under Section 163 against original assessments amounting to Rs. 2,07,87,452 net. The assessments were, on investigation of the complaints, reduced to Rs. 41,59,222 and Rs. 1,98,57,933, the reduction amounting to Rs. 3,33,526 and Rs. 9,29,519 giving a percentage of 7.42 and 4.47 respectively.

There were 98 appeals against rateable values to the Chief Judge, Small Causes Court, under Section 162 (2) of the Municipal Act. Of these 38 appeals were settled out of Court, 8 were dismissed and 48 decided by the Court and 4 are pending.

*The G. I. P. and the B. B. & C. I. Rys.—*

The complaints against the revised values of the properties belonging to the G. I. P. and the B. B. & C. I. Railways for the years 1932-33 and 1933-34 respectively are still pending as a representation was made by the Municipality to the Government of India (Railway Department) against the decision of the Arbitrator appointed by them under Section 135 of the Indian Railways Act in connection with the assessment of the properties of the two Railways, pointing out that his decision, if confirmed, would throw the Municipality into acute financial embarrassment. The matter is still under the consideration of the Government of India.

*Establishment—Additional Staff—*

Owing to the heavy increase in the work of this Department, both indoor and outdoor, consequent on the development, and expansion of the City and the increased building activity, the following additional staff was proposed for inclusion in the Budget proposals of this Department for 1938-39 as being absolutely necessary to cope with the increased work, *viz.*, 14 clerks, 2 Motor Inspectors and 6 peons for the Head Office and 12 Ward Inspectors and 2 peons for the Ward Offices. The Standing Committee, were however pleased to sanction only the following additional staff, *viz.*, 6 clerks, 2 Motor Inspectors and 2 peons for the Head Office, and 7 Ward Inspectors for the Ward Offices. The Committee further desired that a

report be submitted to them at the end of 1938-39 as regards the working of the Department (*vide* S. C. R. Nos. 1097 of 1-12-1937 and 1137 of 6-12-1937). But this additional staff needs to be confirmed and augmented still further as the work of this Department is increasing every year.

*Riot Tax.—*

During the year under report the total amount of Riot Tax collected in respect of the various riots referred to in statement "F" was Rs. 1,62,972.

*House Numbering—*

During the year this Department had to co-operate with the City Engineer's Department in the preliminary work in connection with the Street Nos. to be affixed on properties in the whole City. This work will have to be continued during the year 1938-39.

I have the honour to be,

Sir,

Your most obedient servant,

S. N. CHAUBAL,

*Ag. Assessor & Collector.*

## STATEMENT A.

*General Tax.*

| 1936-37. | | | | 1937-38. | | | | |
|---|---|---|---|---|---|---|---|---|
| General tax levied at 11¼ per cent. from the Public, B. M. C. (Improvements) Mills and Railways. | Compounded sum payable by Government under Section 144 (3) of the Act. | Compounded sum payable by the Port Trust under Section 145 (3) of the Act. | Total of columns 1, 2 and 3. | General tax levied at 11¼ per cent. from the Public, B. M. C. (Improvements) Mills and Railways. | Compounded sum payable by Government under Section 144 (3) the Act. | Compounded sum payable by the Port Trust under Section 145 (3) of the Act. | Total of column 5, 6 and 7. | Difference between columns 4 and 8. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 9 |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1,26,49,889 | 5,75,697 | 11,04,159 | 1,43,29,745 | 1,30,01,142 | 5,75,697 | 11,04,159 | 1,46,80,998 | + 3,51,253 |

## STATEMENT B.

*Water Tax.*

| 1936-37. | | | | 1937-38. | | | | |
|---|---|---|---|---|---|---|---|---|
| On Rateable value at 3¾ per cent. | Compounded Water tax. | By Meter Measurement. | Total of columns 1, 2 and 3. | On Rateable value at 3¾ per cent. | Compounded Water tax. | By Meter Measurement. | Total of columns 5, 6 and 7 | Difference between columns 4 and 8. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Rs. 33,12,324 | Rs. 34,700 | Rs. 35,92,428 | Rs. 69,39,452 | Rs. 34,25,094 | Rs. 35,466 | Rs. 38,34,889 | Rs. 72,95,449 | Rs. + 3,55,997 |

## STATEMENT C.

*Halalkhore Tax.*

| 1936-37. | | | 1937-38. | | | Difference between columns 3 and 6. |
|---|---|---|---|---|---|---|
| On Rateable value at 3%. | On Special service. | Total of columns 1 and 2. | On Rateable value at 3%. | On Special service. | Total of columns 4 and 5. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 32,06,018 | 1,34,019 | 33,40,037 | 33,05,514 | 1,34,981 | 34,40,495 | +1,00,458 |

## STATEMENT D.

*Classification of Rateable Value.*

| Years. | Rateable value on 31st March. | Chargeable to General tax. | Exemption from General tax under Section 143 (1) @ 144 and 145, etc. | For which no bills for General tax are issued. | Total Rateable Value. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1936-37 .. .. | 13,31,56,299 | 12,46,06,470 | 85,39,194 | 10,635 | 13,31,56,299 |
| 1937-38 .. .. | 13,62,69,866 | 12,76,60,852 | 86,00,896 | 8,118 | 13,62,69,866 |

## STATEMENT E.

*Total demand, collection and outstandings of taxes including wheel-tax.*

| Years. | Net demand issued. | Collection. | Outstandings. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| 1936-37 .. .. | 3,03,41,543 | 2,45,15,962 | 58,25,581 |
| 1937-38 .. .. | 3,15,64,692 | 2,54,47,502 | 61,17,190 |

## STATEMENT F.

*Statement showing particulars of different Riot-taxes.*

| Particulars. | Amount awarded. | Amount collected upto 31st March 1938. | Difference. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Riot tax No. V— | | | |
| Communal Riots of 1929 .. .. .. .. | 7,54,710 0 0 | 6,88,849 0 0 | 65,861 0 0 |
| Riot tax No. VI— | | | |
| Bhendy Bazar Riots of 1930 .. .. .. | 10,877 0 0 | 8,081 11 0 | 2,795 5 0 |
| Riot tax No. VII— | | | |
| Kalbadevi Riots of 1930 .. .. .. .. | 10,000 0 0 | 8,382 5 0 | 1,617 11 0 |
| Riot tax No. VIII— | | | |
| Mogal Mahomedan Riots of 1931 .. .. .. | 11,232 0 0 | 11,149 7 0 | 82 9 0 |
| Riot tax No. X— | | | |
| Communal Riots of 1932 .. .. .. .. | 20,45,761 0 0 | 18,10,433 4 3 | 2,35,327 11 9 |
| Riot tax No. XI— | | | |
| Northbrook Garden Riots of 1933 .. .. .. | 17,000 0 0 | 16,316 15 0 | 683 1 0 |
| Total .. | 28,49,580 0 0 | 25,43,212 10 3 | 3,06,367 5 9 |

## STATEMENT G.

*Statement showing particulars of properties the rateable values of which yielded on revision in the year* 1937-38 *an increase in each case of not less than Rs.* 2,000.

| Name of the Ward. | Ward No. | Street No. | Name of the Street. | Rateable value in 1936-37. | Rateable value in 1937-38. | Amount of increase. |
|---|---|---|---|---|---|---|
| | | | | Rs. | Rs. | Rs. |
| A | 1009-1010<br>1070-1071 | 35-37-39 | Green & Apollo Street .. .. .. | 46,705 | 50,245 | 3,540 |
| C | 220 @ 222 | 308 @ 314<br>2 @ 18 | Sheikh Memon Street & Princess Street .. | 35,030 | 38,935 | 3,905 |
| ,, | 102-104-106 | 421-423 | Abdul Rehman Street & Carnac Road .. | 34,575 | 37,960 | 3,385 |
| ,, | 1244 | 32 @ 40<br>1 @ 13 | Princess Street & Hanuman Lane .. .. | 19,730 | 22,950 | 3,220 |
| ,, | 811 (25-51) | 22 @ 100 | Mumbadevi Road .. .. .. .. | 20,365 | 24,610 | 4,245 |
| ,, | 6822 @ 27 | 35 @ 51<br>50 @ 62 | Sandhurst Road, West Erskine Road .. | 23,020 | 26,070 | 3,050 |
| ,, | 1144 @ 48 | 33 @ 79 A<br>2-4-1-3 | Patakwadi, Princess Street, Mangaldas Road .. .. .. .. .. | 66,645 | 72,740 | 6,095 |
| ,, | 1155 @ 61 | 2 @ 48<br>6 @ 40<br>5 @ 19 | Vithaldas Road, Mangaldas Road, Patakwadi .. .. .. .. .. | 53,795 | 57,345 | 3,550 |
| ,, | 1966 @ 71 | 623, 623A<br>44 @ 66 | Girgaum Road & Bomanji Master Road .. | 17,855 | 19,885 | 2,030 |
| ,, | 1789 (1) | 514 | Kalbadevi Road .. .. .. .. | 6,440 | 8,790 | 2,350 |
| ,, | 1883-84 | 316 @ 336<br>150 @ 154 | Kalbadevi Road & Cavel Street .. .. | 55,940 | 58,255 | 2,315 |
| ,, | 2323-(2) | 1 | Queen's Road .. .. .. .. | 3,035 | 6,140 | 3,105 |
| D | 252 @ 254 | 269-277 | Girgaum Road .. .. .. .. | 32,020 | 35,125 | 3,105 |
| ,, | 507 (1) | 467 & 9 | New Queen's Road .. .. .. .. | 15,015 | 17,755 | 2,740 |
| ,, | 1640 (1) | 136-138<br>268-284<br>429-437 | Sandhurst Road, Charni Road, Vithalbhai Patel Road .. .. .. .. | 24,855 | 27,035 | 2,180 |
| ,, | 1781 (1) | 262-264<br>149-153 | Vithalbhai Patel Road & Charni Road .. | 14,025 | 17,495 | 3,470 |
| ,, | 1784 (2) | 77-79-247 | Charni Road & Khetwadi Main Road .. | 12,090 | 14,375 | 2,285 |
| ,, | 2423 (1-2A) | 3 to 3 AB | Grant Road .. .. .. .. .. | 14,455 | 17,245 | 2,790 |
| ,, | 2865 (1) | 6 | New Breach Candy Road .. .. .. | 18,260 | 20,290 | 2,030 |
| ,, | 3173 (1) | 29 | Ridge Road .. .. .. .. .. | 7,515 | 10,145 | 2,630 |
| ,, | 3322 (1E) | 1-32 | Setalvad Road & Nepean Sea Road .. | 6,545 | 9,640 | 3,095 |
| ,, | 3350 | 22 | Narayan Dabholkar Road .. .. .. | 9,000 | 11,160 | 2,160 |
| ,, | 3993-94 | 264 to 282 | Grant Road & Lamington Road .. .. | 21,680 | 24,795 | 3,115 |
| ,, | 4007 | 52C to 52E | Kharsetji Rana Street .. .. .. | 3,805 | 6,255 | 2,450 |
| F | 1010 (1) | 3 | Parel Chawl Road .. .. .. .. | 10,800 | 14,000 | 3,200 |
| G | 2218 (2) | 1214 A | Ferguson Road .. .. .. .. | 6,085 | 12,000 | 5,915 |
| ,, | 5399 | 161 | Cadell Road .. .. .. .. .. | 3,295 | 5,555 | 2,260 |
| 27 | | | Total .. | 5,82,580 | 6,66,795 | 84,215 |

No. T.D./2391/S.R. OF 1938-39.

BOMBAY, 5*th August* 1938.

FROM

ELECTION AND TOWN DUTY OFFICER.

TO

THE MUNICIPAL COMMISSIONER,

FOR THE CITY OF BOMBAY.

Subject :—*Annual Report for the year* 1937-38.

SIR,

I have the honour to submit the Annual Report of the Town Duty Department for the year 1937-38.

2. Mr. S. N. Chaubal, B.A., was in charge of the Department throughout the year.

3. During the year the rates of town duty continued to be the same as in the previous year, *i.e.*, at the maximum rates mentioned in Schedule " H ". Hitherto town duty was being recovered on " Plywood " under the belief that it fell in the category of " Timber ", but in a revisional application No. 396 of 1937 the Bombay High Court ruled that the word " Timber " in Part III of Schedule " M " to the Bombay Municipal Act did not include " Plywood ". The levy of town duty on plywood was therefore discontinued with effect from 20th January 1938. " Plywood " is being imported into the City in large quantities and is gradually replacing timber so far as the manufacture of household and shop furniture is concerned. As the High Court ruling is likely to affect the revenue of the Municipality it was considered desirable to amend the Municipal Act so as to enable the Municipality to levy town duty on plywood. Accordingly a draft bill has been submitted to Government for amending Schedule " H " by inclusion therein of " Plywood and other kinds of wood prepared by artificial process." The bill is under the consideration of Government and it is hoped that it will soon become law.

4. The gross realisations on account of town duties, refunds allowed in accordance with the provisions of Section 195 and the net receipts during the year are shown below with those for the previous year for the sake of comparison.

| | 1936-37. | | | 1937-38. | | |
|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. |
| Gross Collections .. .. .. .. .. | 25,69,675 | 6 | 11 | 24,72,322 | 15 | 0 |
| Refunds .. .. .. .. .. .. | 10,70,998 | 7 | 0 | 10,59,751 | 15 | 0 |
| Net Revenue .. .. .. .. .. .. | 14,98,676 | 15 | 11 | 14,12,571 | 0 | 0 |

5. It will be seen that there is a fall of Rs. 97,352-7-11 in the gross collections and of Rs. 11,246-8-0 in the refunds allowed. The revenue thus records a net decrease of Rs. 86,105-15-11 made up of a fall of Rs. 2,11,396-2-9 in the receipts from sugar and ghee substitutes and a rise of Rs. 1,25,290-2-10 in the receipts from Grain, Wines and Spirits, Beer, Ghee and Timber.

6. The fall in receipts from sugar can be attributed to heavy imports during the preceding year and to the establishment of several sugar factories in India. These factories are now serving the different districts in the presidency and other provinces direct and have paralysed the sugar trade of Java and affected the imports of Java sugar which had necessarily to be landed in Bombay prior to its despatch to the several towns in the presidency and other provinces.

7. The fall of Rs. 4,920-2-0 in the receipts from Ghee substitutes is due to the manufacture of vegetable ghee in Bombay on which no town duty is leviable. The fact that town duty is not leviable on locally manufactured ghee has led to the establishment of several ghee factories in Bombay. It is therefore likely that in years to come the loss under this head may be appreciable unless steps are taken to minimise it.

8. The total number of claims for refund received during the year was 50,602 and the amount refunded was Rs. 10,59,751-15-0 against 45,812 claims and Rs. 10,70,998-10-0 refunds in the preceding year.

9. During the year 10,84,388 packages of sugar and jagree were stamped with Municipal marks and 4,956 packages of ghee substitutes were sealed as against 12,71,983 and 7,707 packages respectively in the previous year.

10. Economies effected in the various Budget grants of this Department amounted to Rs. 5,331 as follows :—

| | Rs. | a. | p. |
|---|---|---|---|
| I.—Establishment .. .. .. .. .. | 5,133 | 0 | 0 |
| II.—Printing & Stationery .. .. .. .. | 25 | 0 | 0 |
| III.—Contingencies, &c. .. .. .. .. .. | 173 | 0 | 0 |
| Total .. | 5,331 | 0 | 0 |

11. Hitherto no refund of town duty on exports of sugar-candy manufactured in Bombay was allowed, but during the year the Standing Committee approved of the addition of Rule 23 (*b*) to the Town Duty Refund Rules which allows refund of town duty on locally manufactured sugar-candy. The Government having confirmed the rule refund of town duty is being allowed on exports of sugar-candy from 20th December 1937.

12. On account of financial stringency it has become necessary to explore every source of additional revenue. The Corporation have therefore approached Government for an amendment of Schedule " H " to the Municipal Act by enhancing the existing rates of town duty on Wines and Spirits and Beer and by inclusion therein of (1) Tea, (2) Coal, (3) Dates, (4) Cement, (5) Iron and Steel, (6) Paper and (7) Petrol. The matter is under the consideration of Government and if sanction to the levy of town duty on the above articles is accorded the revenue would increase by about Rs. 13,84,000 at maximum rates.

I have the honour to be,
Sir,
Your most obedient servant,

A. H. K. SHAIKH,
*Election and Town Duty Officer.*

# Appendix.

*Statement contrasting the Collections, Refunds and Net Revenue from Town Duties for the years* 1936-37 and 1937-38.

| Articles. | Collections. | | | | Refunds. | | | | Net Revenue. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1936-37. | 1937-38. | Increase in 1937-38. | Decrease in 1937-38. | 1936-37. | 1937-38. | Increase in 1937-38. | Decrease in 1937-38. | 1936-37. | 1937-38. | Increase in 1937-38. | Decrease in 1937-38. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Grain @ 8 pies per Maund .. .. | 6,96,988 13 5 | 8,24,689 8 7 | 1,27,700 11 2 | .. | 2,96,209 7 0 | 3,78,071 4 0 | 81,861 13 0 | .. | 3,83,439 13 5 | 4,25,711 4 7 | 42,271 7 2 | .. |
| Flour @ 6 pies per Maund .. .. | 10,122 9 0 | 9,120 2 0 | .. | 1,002 7 0 | 27,462 2 0 | 30,027 2 0 | 2,565 0 0 | .. | .. | .. | .. | .. |
| Sugar @ annas 8 per Cwt. .. .. | 12,15,293 2 0 | 9,81,252 13 3 | .. | 2,34,040 4 9 | 6,35,654 2 0 | 6,08,073 5 0 | .. | 27,580 13 0 | 5,79,639 0 0 | 3,73,179 8 3 | .. | 2,06,459 7 9 |
| Wines and Spirits @ annas 4 per Imp. Gallon .. .. .. .. .. | 1,09,453 13 9 | 1,12,922 15 1 | 3,469 1 4 | .. | 5,602 8 0 | 6,362 13 0 | 760 5 0 | .. | 1,03,851 5 9 | 1,06,560 2 1 | 2,708 12 4 | .. |
| Beer @ pies 6 per Imperial Gallon .. | 39,314 7 3 | 40,737 14 9 | 1,423 7 6 | .. | 5,705 4 0 | 5,412 10 0 | .. | 292 10 0 | 33,609 3 3 | 35,325 4 9 | 1,716 1 6 | .. |
| Ghee @ annas 10 per Qr. .. .. | 2,52,623 9 2 | 2,60,404 4 11 | 7,780 11 9 | .. | 17,415 13 0 | 16,598 4 0 | .. | 817 9 0 | 2,35,207 12 2 | 2,43,806 0 11 | 8,598 4 9 | .. |
| Ghee substitutes @ annas 10 per Qr. .. | 78,921 9 0 | 6,811 7 0 | .. | 72,110 2 0 | 69,889 5 0 | 2,699 5 0 | .. | 67,190 0 0 | 9,032 4 0 | 4,112 2 0 | .. | 4,920 2 0 |
| Timber @ 2½% on Market value .. | 1,40,008 1 1 | 2,08,210 5 11 | 68,202 4 10 | .. | 13,059 14 0 | 12,507 4 0 | .. | 552 10 0 | 1,26,948 3 1 | 1,95,703 1 11 | 68,754 14 10 | .. |
| Firewood @ 6 annas per Ton .. .. | 26,932 13 3 | 28,173 7 6 | 1,240 10 3 | .. | .. | .. | .. | .. | 26,932 13 3 | 28,173 7 6 | 1,240 10 3 | .. |
| Sundries .. .. .. .. .. | 16 9 0 | .. | .. | 16 9 0 | .. | .. | .. | .. | 16 9 0 | .. | .. | 16 9 0 |
| | | | 2,09,816 14 10 | 3,07,169 6 9 | | | 85,187 2 0 | 96,433 10 0 | | | 1,25,290 2 10 | 2,11,396 2 9 |
| | | | — | 2,09,816 14 10 | | | | — 85,187 2 0 | | | — | 1,25,290 2 10 |
| Total Rs. .. | 25,69,675 6 11 | 24,72,322 15 0 | | 97,352 7 11 | 10,70,998 7 0 | 10,59,751 15 0 | | 11,246 8 0 | 14,98,676 15 11 | 14,12,571 0 0 | | 86,105 15 11 |

A. H. K. SHAIKH,

*Election and Town Duty Officer.*

# ELECTIONS.

No. El/174 of 1938-39.

BOMBAY, *6th July* 1938.

FROM

THE ELECTION OFFICER,

BOMBAY MUNICIPALITY.

To

THE MUNICIPAL COMMISSIONER,

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit the annual report on the working of the Election Department for the year 1937-38. This department was created with effect from 1st March 1937 as sanctioned under Corporation Resolution No. 757, dated the 17th December 1936.

2. Under Bombay Act No. XIII of 1936, the Municipal franchise was lowered from Rs. 10 rental to Rs. 5 rental. A new election roll was therefore prepared on the basis of the reduced franchise by a house to house inspection. The number of voters on the basis of the new and old franchise by wards and communities will be seen from the following statement:—

I. *Number of voters on the basis of Rs.* 5 *rental franchise.*

| Community. | WARDS. | | | | | | | Total No. of voters. |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | |
| Europeans .. .. .. .. | 1,104 | 15 | 2 | 405 | 312 | 175 | 87 | 2,100 |
| Anglo-Indians, Indian Christians, Jews & others .. .. .. | 1,490 | 661 | 1,934 | 1,135 | 4,778 | 1,859 | 2,137 | 13,994 |
| Hindus .. .. .. .. | 6,863 | 11,010 | 34,951 | 32,872 | 24,901 | 28,265 | 32,097 | 1,70,959 |
| Parsis .. .. .. .. | 2,652 | 75 | 2,101 | 6,408 | 964 | 2,422 | 368 | 14,990 |
| Mahomedans .. .. .. | 1,406 | 12,421 | 8,269 | 3,306 | 12,852 | 2,358 | 2,524 | 43,136 |
| Companies or firms .. .. | 1,310 | 811 | 1,560 | 393 | 148 | 180 | 139 | 4,541 |
| Total No. of Voters .. | 14,825 | 24,993 | 48,817 | 44,519 | 43,955 | 35,259 | 37,352 | 2,49,720 |

II. *Number of voters on the basis of Rs.* 10 *rental franchise.*

| Community. | WARDS. | | | | | | | Total No. of voters. |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | |
| Europeans .. .. .. .. | 1,131 | 7 | 0 | 403 | 310 | 165 | 83 | 2,099 |
| Anglo-Indians, Indian Christians, Jews & others .. .. .. | 1,116 | 541 | 1,366 | 1,022 | 3,329 | 801 | 1,208 | 9,383 |
| Hindus .. .. .. .. | 4,567 | 6,088 | 23,034 | 21,662 | 7,715 | 9,408 | 8,893 | 81,367 |
| Parsis .. .. .. .. | 2,632 | 21 | 1,949 | 7,055 | 910 | 2,397 | 401 | 15,365 |
| Mahomedans .. .. .. | 959 | 9,118 | 6,049 | 2,008 | 6,568 | 1,092 | 1,200 | 26,994 |
| Companies or firms .. .. | 1,691 | 1,089 | 1,642 | 508 | 351 | 114 | 78 | 5,473 |
| Total No. of Voters .. | 12,096 | 16,864 | 34,040 | 32,658 | 19,183 | 13,977 | 11,863 | 1,40,681 |

3. Government by Bombay Act III of 1938 extended the life of the Corporation by one year to enable them to introduce another Bill in the Assembly for revising the constitution of the Corporation, widening the Municipal Franchise and abolishing nominations. By Bombay Act XIII of 1938, Government have done away with nominations on the Corporation and Committees thereof, divided the City into 19 wards for the purpose of Municipal Elections of 1939 and introduced adult franchise in the City with effect from 1-4-1941.

4. The expenditure on the preparation of the Roll was Rs. 1,01,110 and for printing the Voters' List and the Election Roll was Rs. 25,898.

5. No By-Election was held during the year.

I have the honour to be,

Sir,

Your most obedient servant,

A. H. K. SHAIKH,

*Election Officer.*

# CITY ENGINEER'S DEPARTMENT.

No. C. E. S. R./3008 of 1938-39.

FROM

BOMBAY, 22*nd June* 1938.

THE CITY ENGINEER

TO

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

Subject: *Administration Report for the year* 1937-38.

SIR,

1. I have the honour to submit herewith the Annual Report on the working of the City Engineer's Department for the year 1937-38.

2. The Report is arranged under the following heads :—

(1) Architectural Branch.
(2) Inventory of Municipal properties.
(3) Private Building Construction including acquisition of setbacks.
(4) Mechanical Branch.
(5) Works Branch.
(6) Removal of town refuse to Deonar.
(7) Special works—Drainage scheme for the North of the Island.
(8) Slum clearance and improvement.

## I. Architectural Branch

*Upkeep and Repairs of Municipal Buildings.*

3. The upkeep and maintenance of Municipal buildings was carried out by contract as in the previous years. The city was divided into 3 Divisions as under to facilitate the work :—

Division No. I.—A,B,C and D Wards.

Division No. II.—E/East and F Wards and Dharavi Scheme No. 56 in G/North Ward and Matunga Leper Home and Kurla Deonar.

Division No. III—E/West and G Wards excluding Dharavi Scheme No. 56 in G/North Ward and including Bandra Slaughter House.

4. Messrs. P. S. Chavan & Co. were the contractors for Annual Repairs and Petty Works exclusive of Monsoon Repairs to the ex-Trust and Municipal properties in Division No. I, Messrs. Anna Dada & Co. for Division No. II and Mr. Tukaram Daji Javalekar for Division No. III. Their quotations were $2\frac{1}{4}\%$ below schedule rates for Division No. I and $6\frac{1}{4}\%$ above schedule rates for the remaining two Divisions.

5. Messrs. Karsandas Jethabhai & Co. were contractors for painting work and their quotation was at par.

6. The cost of maintenance and repairs works entrusted to Petty Works contractors amounted to Rs.1,52,952/-.

7. Painting work entrusted to the Painting contractors amounted to Rs.31,906/-.

8. A separate contract for colour and white-washing the ex-Trust properties was entered into with Messrs. Karsandas Jethabhai & Co. for A, B, C and D Wards in Division No. I at 6¼ per cent below schedule rates and for E/East Ward in Division No. II at par. Messrs. Hariram Nanji D. Chavan & Co. were the contractors for F Ward and Dharavi Scheme No. 56 in Division No. II and for E/West and G Wards in Division No. III and their quotation was 2¼ per cent. below schedule rates. The value of works entrusted to these contractors was Rs.31,355/-.

9. Messrs. Hariram Kariya & D. Chavan were contractors for Monsoon Repairs for A, B, C, and D Wards in Division No. I and E/West Ward in Division No. III and Messrs. Daya Lakha & Co. for Division No. II and the remaining portion of Division No. III. Their quotations were 1 per cent. and 5¼ per cent below schedule rates respectively. Total cost of works entrusted to them amounted to Rs.26,408/-.

10. The total cost of all the works entrusted to the contractors thus amounted to Rs.2,42,619/-.

11. In addition to the works carried out by the various contractors mentioned above, works requiring immediate attention and others which were desirable to be executed by employing our own labour and material were effected departmentally at a cost of about Rs.2,03,650/-, with satisfactory results.

12. The total number of properties, Municipal and ex-Trust, dealt with during the year was as follows :—

| | |
|---|---|
| 577 | Properties originally belonging to the Municipality. |
| 149 | Properties acquired in connection with Municipal Development Schemes. |
| 851 | Properties acquired for the ex-Trust Development Schemes. |
| 173 | Blocks of permanent chawls and buildings. |
| 339 | Blocks of semi-permanent sheds belonging to the ex-Trust. |
| 2,089 | |

13. Out of the above properties, 145 buildings which were either found to be in unsound condition or required for Development Schemes were sold for demolition by public auction and the sale proceeds realised in respect thereof amounted to Rs.59,531/-.

14. During the year under review, the following works were carried out from the Capital Account :—

Construction of a School building, quarters and office for the Chawl Superintendent, 12 shops and 20 rooms for Sweepers at the S.P. Sheds at Dharavi at a total cost of Rs.50,530/- by Messrs. Tejoo Kaya & Co.

Construction of 150 S.P. Rooms with Nhanis in Dharavi village at a cost of Rs.71,299 through Messrs. Tejoo Kaya & Co.

Construction of 150 rooms forming part of 700 S.P. rooms at Dharavi near Andhra Valley Power Supply Coy.'s Station, complete with Nhanis and drainage at a cost of Rs.70,910/- by Messrs. Tejoo Kaya & Co.

Construction of 38 Semi-Permanent rooms at Parel Village at a total cost of Rs. 22,612/- by Messrs. Tejoo Kaya & Co.

Construction of one Ward in the General Unit with covered passages at Arthur Road Hospital by Messrs. Shivlal Pithaji & Co. estimated to cost Rs. 70,505/-, was started during the year. Half of this cost is to be met from the Governor's Hospital Fund. The work was partly completed at the close of the year. This is one of the two wards sanctioned to be constructed by the Corporation at an estimated cost of Rs.1,41,010-.

Construction of Nurses' quarters and Store room at Arthur Road Hospital by Mr. K. G. Kermani at a total cost of Rs.32,293/-, half of which will be borne by the Governor's Hospital Fund. The work was in progress at the close of the year.

Construction of Lady Students' Hostel at G. S. M. College, Parel, by Mr. K. G. Kermani at an estimated cost of Rs.69,000/-.The work was in progress at the end of the year.

Construction of an additional storey on each of the ward pavilions Nos. 2 and 3 of the K. E. M. Hospital at Parel, at an estimated cost of Rs. 1,81,500/- through Messrs. Devji Dharsi & Son. The work on ward pavilion No. 3 was commenced at the end of the year. Half the cost will be borne by the Governor's Hospital Fund.

Construction of 76 rooms at Kasarwadi, Dadar, at a total cost of Rs.71,506/- through Messrs. Tejoo Kaya & Co. The work was nearing completion at the end of the year. These form part of the 150 rooms sanctioned to be constructed by Corporation under their Resolution No. 679 of 30-11-1936.

Construction of a new Fire Brigade Station at Gunbow Street on Plots 48-49, Hornby Road to Ballard Pier Scheme, at a total cost of Rs.91,000/- through Messrs. Devji Dharsi & Son, as also the construction through the same contractors of two additional floors over the Station Building to accommodate Ward Offices of the Assesment and the Architectural Departments, as subsequently sanctioned by the Corporation, at a cost of Rs.30,500/-. The work was in progress at the end of the year.

Construction of a wholesale market on the Municipal plot known as Gold Mohar Castle at Byculla and the approach road, at an estimated cost of Rs.99,800/- through Mr. F. E. Cooper. The work was in progress at the close of the year.

The work of construction of 15 new rooms and the reconstruction of 67 rooms at Dadar and the re-construction of the 96 rooms at Soparibaug at an estimated cost of Rs.97,530/- by Messrs. Tejoo Kaya & Co. was nearly completed when the year closed. The work of providing additional amenities at these Semi Permanent rooms at a cost of Rs.13,748/- by Messrs. Tejoo Kaya & Co. was in progress at the close of the year.

**Latrines and Urinals.**

15. The work of conversion of privies into Water Closets with a septic tank to the west of the Malabar Hill Reservior attached to the Sluicemen's and Servants' quarters of the bungalows and the Water Tower, was entirely completed at a cost of Rs.1,700/-.

16. Conversion of existing privies into Water Closets attached to the Servants' quarters at the west end of the Maratha Hospital was done at a cost of Rs.464/-.

17. The construction of a 3-seated Urinal for the Marathi Boys' School at Golanji Hill Road was completed at a cost of Rs.446/-.

18. The work of constructing public conveniences at King's Circle Garden, Matunga, was completed at a cost of Rs.3,334/-.

19. The shifting and re-construction of 2 seats of Water Closets, on modern lines, of the public conveniences at Parel Chawl Road was carried out at a cost of Rs.1,664/-.

20. An additional Water Closet seat and one Electric ceiling fan were provided in the office of Sr. Medical Inspector No. 2 District at a cost of Rs.406/-.

21. A 2-seated urinal at Khetwady Main Road opposite Sindhi Lane was constructed at a cost of Rs.738-8-0.

22. The work of constructing additional W.Cs. at Suklaji Street Chawls was completed at a cost of Rs.2,719/-.

23. The work of constructing a 6-seated Urinal at Bandra Slaughter House was carried out. Accounts are to be adjusted.

24. Construction of public conveniences at Gowalia Tank Recreation Ground was completed. Accounts are being adjusted.

25. The work of constructing one seated W.C. at Gowalia Tank office was completed. Accounts are being adjusted.

26. The construction of a Urinal at 496, DeLisle Road near Bakrika Adda was completed. Accounts are being adjusted.

27. The work of construction of Urinals and a W.C. at Wittet Road, Ballard Estate, had to be held in abeyance towards the end of the year on account of certain objections from the Bombay Port Trust. Endeavours are being made to obtain the consent of that Body for putting up the convenience on the land which belongs to them.

28. The work of constructing public conveniences at the junction of Ardeshir Dady Cross Lane and C. P. Tank Street was in progress.

29. The work of providing water closets and urinal in Bhandarwada Reservoir Garden at Mazagaon was carried out at a cost of Rs.1,657/-.

**Chawls and Stables.**

30. Paving with cement concrete to the north of Begaris Chawls at Palton Road was carried out at a cost of Rs.1,121/-.

31. The work of providing R. S. Beams below the slabs at Valpakhady Municipal Chawls was in progress.

32. Additions and alterations to the existing Stables at Kamatipura to make them suitable for a Bullock Hospital were carried out at a cost of Rs.3,135/-.

33. With a view to minimise smoke nuisance, the sky lights of one of the Health Department Begaries' Chawls at Tankpakhady were raised at a cost of Rs.1,380/-.

34. The work of providing and fixing sinks with drainage fittings in A, B and C Blocks of Suklaji Street Chawls was carried out. Accounts are to be adjusted.

35. Paving of the surrounding spaces with cement concrete at Chawls Nos. 1 to 9 at Tardeo Flats was carried out at a cost of Rs.4,570/-.

36. The work of providing and fixing shutters, etc., at Parbhadevi Chawls was carried out at a cost of Rs.724/-.

37. The work of providing cement concrete floors at Palton Road Stables was carried out at a cost of Rs.2,170/-.

**Markets & Slaughter Houses.**

38. Paving with 4″ cement concrete slabs in the compound of Dadar Municipal Market was entirely completed at a cost of Rs.2,050/-.

39. Conversion of the Chandanwadi Municipal Market into a School building was carried out. Accounts are being adjusted.

40. The work of constructing 20 Semi Permanent Rooms at Bandra Slaughter House with Mangalore tiled roof was nearly completed at the close of the year.

**Fire Brigade.**

41. The work of covering the open terrace in the rear of the Station Officers' quarters over the Ambulance Station, Byculla, with Callenders 'Very Best' roofing was carried out at a cost of Rs.435/-.

42. Paving of the open spaces and passage in the compound of Gowalia Tank Fire Brigade Station with Shahabad Stone was completed. Accounts are being adjusted.

43. Diversion of the 6″ S. W. Pipe drain running under the rear portion of the Engine room of the Head quarters Fire Brigade Station, Byculla, was carried out. Accounts are being adjusted.

**Hospitals & Colleges.**

44. Paving with Shahabad stones in the passage between the compound wall and Wards Nos. 4 and 5 and in the open space, &c., in Ward No. 3 of Maratha Hospital was carried out at a cost of Rs.388/-.

45. The work of providing wooden ceiling for the roof of V. D. Clinic Building was carried out at a cost of Rs.1,814/-.

46. The work of wire netting the verandah of the Sisters' quarters and of providing a wash basin at Turner Sanatorium was carried out. Accounts are being adjusted.

47. The work of providing Electric Installation at Turner Sanatorium was carried out. Accounts are being adjusted.

48. The work of providing store accommodation for the Pharmacology Department in G. S. M. College was carried out at a cost of Rs.788/-.

### Cemeteries.

49. Paving of the passage between the Burning Ground and the Fuel Shed in the compound of Tank Bunder Hindu Cemetery was completed at a cost of Rs.183.

50. Construction of a compound wall of the Jewish Cemetery at Haines Road was completed at a cost of Rs.6,062.

51. Similarly, a compound wall was constructed at the Cemetery for Bohra Community at Haines Road at a cost of Rs.2,695.

### Miscellaneous.

52. A C. I. Sheet screen wall was provided to the water-closet at the Recreation ground at Babula Tank Cross Lane at a total cost of Rs. 151.

53. The work of constructing two new sheds, one at Babula Tank and the other at Mint Road, for storing drainage implements and stores, was in progress at the end of the year.

54. The work of supplying and fixing Asbestos Cement Corrugated Everest big six sheets over 100 rooms at Kasarwady was carried out. Accounts are being adjusted.

55. The work of providing one bath room on the 2nd floor of the Water Tower Bungalow at Malabar Hill Reservoir was carried out at a cost of Rs.274.

56. Glazed shutters were provided to half the portion of the front verandah on the 1st floor of A.H.O.E.'s Office at a cost of Rs.90.

57. At Tank Pakhady Chawls, a bath room was converted into a water-closet at a cost of Rs.218.

58. The work of providing an additional story over D Ward Offices was nearing completion at the close of the year.

59. From the donation of Rs.14,338-3-9 from the Advocate General for the construction of Stand pipes (fountains) in different parts of the City for the use of the poor, 19 Stand pipes have so far been erected. The selection of suitable sites for the construction of more Stand pipes from the unspent balance has been in hand.

### Estimates and Designs.

60. In addition to 1,869 estimates for repairs and maintenance works, 183 plans and 72 estimates for new works including proposals for the extension of K.E.M. Hospital, School Buildings, Markets, T. B. Hospitals, Semi-Permanent and Permanent Chawls, etc., estimated to cost Rs.76,48,000 were prepared and a large number of them were submitted to the Corporation for their consideration and approval, between 1st April 1937 and 31st March 1938.

61. 15 Layout plans for the development of ex-Trust and Municipal lands in different schemes were prepared during the year under report.

### Special Repairs.

62. The work of carrying out Special Repairs to Municipal acquired buildings including conversion of privies in some of them into water-closets was carried out in the year under report with the funds specially provided for the purpose. Out of the 28 buildings proposed to be tackled, special repairs have up to now been carried out to 12 buildings at a total cost of about Rs.17,000. The work will be continued in the succeeding years with the savings and a further amount of Rs. 10,000 sanctioned in the Budget Estimates for 1938-39 under this head.

## II. INVENTORY OF MUNICIPAL PROPERTIES, 1937-38.

63. The entries of properties in F and G Wards were revised and brought up to date, and plans relating to the same were prepared.

64. The case regarding the disputed title to the Municipal well in Cawasji Patel Street reported in the last Report was finally decided by the Superintendent, Bombay City Survey and Land Records Office, in favour of the adjoining owner, Mr. S. L. Davar. The matter is however still being investigated by the Municipal Legal Assistant and he has been asked to advise as to the remedy open to the Municipality to recover the title.

65. In addition to recording and revising the entries in the Register of Municipal Properties, the following cases had to be investigated, as to the Municipal title and to determine their correct boundaries :—

1. Triangular piece of land at Lamington Road encroached on by the Indian Manufacturing Company. This land was subsequently sold to the Company by the Municipality.
2. Framji Cawasji Institute at Dhobitalao. The matter is now before the Municipal Legal Assistant for drawing up a document between the Municipality and the Trustees of the Framji Cawasji Institute.
3. Tank at Dharavi. The matter is now before Messrs. Crawford, Bayley & Co., Municipal Solicitors, for advice as to the Municipal title to the same.
4. A plot of land at Mount Pleasant Road sold to Mr. R. M. H. Readymoney.
5. Acquisition of the C. P. Tank site by Government from the Municipality in exchange of the Government land leased to the Municipality for stables at Bapty Road.
6. Demarcation of the Hindu Burning Ground at Mahim.
7. Water Course at Cadell Road, north of the Hindu Burning Ground.
8. Septic Tank at Banganga.
9. Strip of land to the south of Bellasis Bridge.
10. Dispute regarding the boundary of the Hanging Gardens.
11. Tramway shelters in the City.
12. Lease of Land at Mahim to the Municipality by Government for Garden. The matter is now before the Municipal Solicitors.
13. Fire Brigade Station at Hornby Road.
14. Breach Candy Swimming Bath.
15. Encroachment at the Babula Tank Recreation Ground.
16. Nawghar Tank at Reay Road (Suit No. 1271 of 1937).
17. Demarcation of the old Sewri Cemetery Road.
18. Demarcation of the boundary of the Mahomedan Burial Ground at Dharavi.

66. Information as regards sales of properties in various parts of the City was also brought from time to time from the Collector's Office for ascertaining the rate of set back lands and also for the purpose of preparing estimates for acquisition of properties for improvement of slum areas.

## III. PRIVATE BUILDING CONSTRUCTION.

*(Including Setbacks.)*

67. The number of applications received under Section 337 for the erection of new buildings and under Section 342 for additions and alterations to existing buildings, during the year under report as compared with those received during the preceding four years is as follows :—

| Year. | Under Section 337. | Under Section 342. | Total number of buildings dealt with. | Total number of Applications. |
|---|---|---|---|---|
| 1933-34 .. .. .. | 839 | 1,007 | 1,846 | 2,967 |
| 1934-35 .. .. .. | 933 | 1,001 | 1,934 | 3,095 |
| 1935-36 .. .. .. | 979 | 1,096 | 2,075 | 3,704 |
| 1936-37 .. .. .. | 1,132 | 953 | 2,085 | 3,904 |
| 1937-38 .. .. .. | 1,241 | 1,165 | 2,406 | 4,807 |

NOTE.—Two or more modified proposals are generally received in connection with one and the same building, hence the difference between the figures in the last two columns in the above table.

68. The majority of the plans were conditionally approved.

## SETBACKS.

69. The policy regarding the acquisition of setbacks on important roads mentioned in the last Report has been continued as can be seen from the following comparative statement of amounts spent for the acquisition of set backs from 1918-19 to 1937-38 :—

| Year | Paid from Capital. | Paid from Revenue. | Total. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1918-19 .. . .. | 2,05,566 2 0 | 1,46,561 3 6 | 3,52,127 5 6 |
| 1919-20 .. .. .. | 2,90,531 5 11 | 1,28,517 15 6 | 4,19,049 5 5 |
| 1920-21 .. .. . | 1,51,295 12 9 | 1,04,158 0 9 | 2,55,453 13 6 |
| 1921-22 .. .. .. | 3,17,488 10 10 | 1,93,059 0 1 | 5,10,547 10 11 |
| 1922-23 .. .. .. | 3,99,887 12 4 | 1,00,083 11 11 | 4,99,971 8 3 |
| 1923-24 .. .. .. | 5,99,056 0 3 | .... | 5,99,056 0 3 |
| 1924-25 .. .. .. | 5,50,150 0 0 | 2,71,376 3 3 | 8,21,526 3 3 |
| 1925-26 .. .. .. | .... | 4,09,538 2 9 | 4,09,538 2 9 |
| 1926-27 .. .. .. | 4,74,152 11 1 | 64,976 13 4 | 5,39,129 8 5 |
| 1927-28 .. .. .. | 5,64,794 0 5 | .... | 5,64,794 0 5 |
| 1928-29 .. .. .. | 4,72,161 10 9 | .... | 4,72,161 10 9 |
| 1929-30 .. .. .. | 3,77,125 0 6 | .... | 3,77,125 0 6 |
| 1930-31 .. .. .. | 3,52,637 0 0 | .... | 3,52,637 0 0 |
| 1931-32 .. .. .. | 1,46,535 7 4 | .... | 1,46,535 7 4 |
| 1932-33 .. .. .. | 2,28,187 8 1 | .... | 2,28,187 8 1 |
| 1933-34 .. .. .. | 1,62,217 13 11 | .... | 1,62,217 13 11 |
| 1934-35 .. .. .. | 68,859 11 8 | .... | 68,859 11 8 |
| 1935-36 .. .. .. | 1,59,310 14 3 | .... | 1,59,310 14 3 |
| 1936-37 .. .. .. | 3,40,123 11 4 | .... | 3,40,123 11 4 |
| 1937-38 .. .. .. | 5,74,795 2 4 | .... | 5,74,795 2 4 |

70. The amount spent in acquiring setbacks this year exceeds that of the last year by about Rs.2,34,670. It would be necessary to allocate larger amounts from year to year for this purpose, as acquisition of setbacks in congested localities goes a long way in reducing slums. The policy of paying the amounts of setbacks in two or three annual instalments has enabled the acquisition of costly setbacks in important localities such as Shaik Memon Street, Pydhonie, Dongri, Nanabhai Lane, Cawasji Patel Street, Girgaum Road and Kamathipura, etc., and in a few cases setbacks have been acquired through private negotiations which would not have been otherwise possible till the proposed amendments to Section 298 came into force. One such important and extensive setback at C. P. Tank corner has been so acquired which has widened the road at the most important Tram and Bus Termini.

71. The liabilities outstanding for lands sanctioned to be acquired for setbacks amounted to Rs.20,17,081-14-1. This includes Rs.85,269-14-4 for setbacks which have been acquired and leased to the house-owners concerned on certain terms and conditions. The compensation therefor becomes payable on the termination of the lease in each case.

72. Steps are being taken from time to time to cancel the old liability in cases which become time-barred. During the year under report liability on account of such cases to the extent of about Rs.5,171-11-3 was cancelled and further liability will be cancelled as opportunities occur.

73. Considerable progress has been made in prescribing regular lines or substituting fresh ones as can be seen from the following list, and further efforts are being made to widen the roads as far as possible to suit the requirements of modern traffic :—

(1) Changing regular line at Parsi Bazar Street between Elphinstone Circle and Ghoga Street and the curve at the junction of Store Lane and Parsi Bazar Street.

(2) Changing regular line at Cawasji Patel Street from Church Gate Street to Ghoga Street.

(3) Revising regular line at 1st Marine Street between Marine Lines and Queen's Road.

(4) Revising regular lines at the Street leading from Thakurdwar Road to Bengali Girls' School upto C.S. Nos. 1 to 59 and laying down a new 40 feet Road in continuation of the 40 feet regular line proposed to open out at Girgaon Road.

(5) Revising regular line at Dadar Road from its junction with Tulsi Pipe Line Road to Bhawani Shankar Road.

(6) Revising regular lines at Proctor Road on C.S. Nos. 1219-1221 and the curves at its junction with Kiln Lane extension.

(7) Revising regular line at the junction of 1st Marine Street and Esplanade Road.

(8) Revising regular lines at Banaji Street between Cawasji Patel Street and Nanabhai Lane (upto Parsi Agiary) and a 40 feet revised regular line at Nanabhai Lane from Church Gate Street to Banaji Street.

(9) Revising regular lines at Fergusson Road between Worli Road and DeLisle Road overbridge.

(10) Revising regular lines at Shankar Shet Road between Tardeo Road and Sleater Road.

(11) Prescribing revised regular lines at—

1. Bellasis Road and Arthur Road.
2. Arthur Road and Wadia Street.
3. Wadia Street and Tardeo Road leading to Mahalaxmi.
4. Tardeo Road (Mahalaxmi) and Tardeo Road near Traffic Island on the Manekji Petit Mill compound.

(12) Prescribing a curve at the junction of two 60 feet roads near Shivaji Park on the property of Dr. K. G. Palkar (C.S. No. 1711).

(13) Prescribing regular lines at Chhaktyachi Wady Lane from Tardeo Road to a length of 660 feet eastwards upto the portion declared public and laying out a new road to meet Arthur Road.

(14) Prescribing regular lines at Peddar Road between Gowalia Tank Road and Warden Road.

(15) Revising regular lines at Mori Road between Lady Jamshedji Road and Tulsi Pipe Line Road.

(16) Prescribing regular line at Ardeshir Dady Cross Lane from Ardeshir Dady Street to Cawasji Patel Tank Road.

(17) Revising regular lines at the junction of Dadishet Agiary Lane and Fanaswadi.

(18) Prescribing regular lines at Tadipitha Lane from Fanaswadi westward upto C.S. No. 2222.

(19) Revising regular lines at the junction of Kandewadi Lane and Vithalbhai Patel Road.

(20) Revising regular lines at the junction of Khetwady Back Road and Falkland Road.

(21) Prescribing regular lines at Sayani Road (widening it to 80 feet) between Elphinstone Road and Cadell Road.

(22) Revising regular lines at Warden Road between Gowalia Tank Road and Peddar Road.

(23) Prescribing regular lines at the Street joining Mehta Patel Agiary Street and Grant Road.

2. Prescribing regular line at the junction of Foras Road and Mehta Patel Agiary Street.

(24) Prescribing regular line at the junction of Winter Road and Ridge Road.

(25) Revising a curve at the junction of Chinch Bunder Road and Dongri Street.

(26) Prescribing regular line at the junction of two 40 feet roads off Lady Jamshedji Road on the plot owned by Mr. Y. B. Gupta.

(27) Revising regular line at Parel Village Road from its junction with Parel Back Road and Parel Tank Road.

(28) Prescribing regular line (curve) at the junction of Sandhurst Road and Hughes Road.

(29) Prescribing regular lines at North and South Low Level Roads off Curry Road Bridge (2) at a passage north and Low Level Road (North) between C.S. Nos. 187-188 &1/193 upto the private Road.

(30) Revising regular lines at the junction of Hermitage Pass Gowalia Tank Road and Peddar Road.

(31) Prescribing regular lines on the Streets declared public on the north side of Clerk Road and South of Mahalaxmi Over-bridge—

(1) between C.S. Nos. 23 and 40.

(2) between C.S. Nos. 19 and 20 west of Jacob Circle.

(32) Revising regular line at Vanka Moholla from its junction with Kolbhat Street northwards upto C.S. Nos. 679 and 722.

(33) Revising regular lines for the portion of Thomas Street on C.S. No. 144 and Curve on C.S. Nos. 367 and 145 at the junction of Colaba Road and Thomas Street.

(34) Prescribing 80 feet regular line at Globe Mill passage from Delisle Road upto Worli Road.

(35) Prescribing regular line at Nikadwari Lane from its junction with Girgaum Road upto C.S. Nos. 137 and 124.

(36) Revising regular line at the junction of Fergusson Road and Tulsi Pipe Line Road on the South-west corner.

(37) Revising regular line at Dammar Lane from its junction with French Bridge and northwards to a distance of about 200 feet in the property bearing C.S. No. 1560.

(38) Prescribing regular line at Bhaskar Lane from its junction with Cathedral Street upto C.S. No. 1736 and 1738 (portion declared public)

(2) Anantwadi from its junction with Cathedral Street towards westwards upto C.S. Nos. 1760 and 1764.

(3) 40 feet Road in continuation of Bhaskar Lane upto Anantwadi.

(4) 40 feet Road in continuation of Anantwadi to Fanaswadi.

(39) Prescribing regular lines at Bomanji Petit Road from Warden Road upto Southern Gate of Petit Parsee Hospital.

(40) Prescribing regular line at Maruti Lane, Bhuleshwar.

(41) Prescribing regular line at 1st Ganeshwadi Lane from Shaik Memon Street upto the portion of the Lane declared public.

(42) Prescribing regular line at Ripon Cross Lane upto C.S. Nos. 1531 to 1530.

(43) Revising regular line of Warden Road between Peddar Road and Tardeo Road.

(44) Prescribing regular line at Vithoba Lane from the junction of Vithalwadi for a length of 220 feet Northwards.

(45) Prescribing regular line of 60 feet at Sion Road from Dharavi Road to the Municipal limit.

(46) Prescribing regular line at the Lane declared public off Mount Road leading to Macdowell Co.'s godown.

(47) Prescribing regular line at the Street off Ripon Road running Eastward to a length of 320 feet through C.S. No. 1739.

(48) Prescribing regular line at Old Hanuman 1st Cross Lane from Old Hanuman Lane to C.S. No. 812 and 1134 and Old Hanuman Cross Lane between Champawadi and Vithalwadi Lane.

(49) Prescribing regular line at Duart's Oart off Vithalbhai Patel Road for the portion declared public.

(50) Prescribing regular lines at Cavel Cross Lanes between C. S. Nos. 787 to 759 & 782 to 786 and 760 and also along C.S. Nos. 773 to 779 and 761 to 768.

(51) Prescribing regular line at Prabhu Lane off Ghorupdeo Road.

(52) Prescribing regular lines for—

(1) Assembly Lane.

(2) Malharrao Wadi Lane.

(3) Phophalwadi 1st Lane.

(4) Phophalwadi 2nd Lane.

(5) Khanderao Wadi.

(6) Phophalwadi 3rd Lane.

(7) Panchayatwadi and to open out new Roads by formulating a Scheme.

(53) Changing the curve at Dady Shet Road on plot No. 19, Chowpatty Estate.

(54) Revising regular lines at Naigaum Cross Road between Dadar Road and Vincent Road.

(55) Revising regular line at Dharavi Road from the Booking Office on the Bridge to a distance of about 350 feet to the East upto Post Office.

(56) Prescribing regular lines at the junction of Gokhale Road South and Sayani Road.

(57) Revising regular lines of Parel Government House Gate Road at its junction with Parel Back Road on C.S. Nos. 74 and 296, Parel Serosi Division.

(58) Prescribing regular line at Bellasis Road from Lamington Road to a distance of about 375 feet westwards.

(59) Revising regular lines at Bhandari Street between Bhandarwada Lane and Sandhurst Road.

(60) Revising regular lines at Arab Lane between Falkland Road and Bapty Road.

(61) Changing regular lines at Bhoiwada Cross Road to 80 feet between Hospital Avenue Road and Bhoiwada Road.

(62) Revising regular lines at the junction of Sewri Road and Sewree New Road.

(63) Prescribing regular line at the junction of Hughes Road and Sandhurst Bridge.

(64) Revising regular line at the junction of Parel Tank Road and 60 feet road (North of 80 feet Road).

(65) Revising regular lines at Parel Tank Road between Kala Chowki Road upto the junction of 90 feet Road and Parel Tank Road.

(66) Revising regular lines at Khattaralli Lane between Thakurdwar Road and Kandewadi Lane.

(67) Revising regular line at Parel Road Cross Lane from its junction with Parel Road and the passage between Kalachowky Road and Parel Road.

(68) Revising curve line at the junction of Tulsi Pipe Line Road and Carrol Road.

(69) Prescribing regular lines of the Main Road and Cross Roads in Worli Village.

(70) Revising regular line at the junction of Lamington Road and Girgaon Road.

(71) Prescribing regular line at north and south sides of Mahalaxmi Over-bridge between Jacob Circle and Bhoiwada Road on the north of Jacob Circle and Railway Road on the south.

(72) Prescribing regular line at Kiln Lane between Proctor Road and Lamington Road.

(73) Prescribing regular line at the passage running from Parel Tank Road to Sewree New Road along the premises of Indo-China Mills Ltd.

(74) Revising regular line at Hospital Lane between Marine Lines and Esplanade Road.

(75) Revising regular line on the north side of Clerk Road between Jacob Circle and B. B. & C. I. Railway crossing.

(76) Revising regular line at the junction of Mazagaon Road and Wari Bunder Road (south side) for improving the curve.

(77) Prescribing regular line at Walkeshwar Cross Lane Governor's Bandmen's quarters for the portion declared public.

(78) Revising regular line at the junction of Sleater Road and Low Level Road (south of Falkland Road Over-bridge).

(79) Laying out of 40 feet road line connecting Parel Village Road on north side and Parel Back Road on south side running through C.S. Nos. 246, 245 and 244.

(80) Prescribing regular line of curve at the junction of Sarang Street and Carnac Road.

(81) Prescribing regular line at Parel Chawl Lane between Parel Chawl Road and Parel Tank Road.

## ENFORCEMENT OF BUILDING REGULATIONS.

74. 1,610 summonses were issued against house-owners under various Sections of the Municipal Act with the result shown in the following statement :—

| Section of the Act. | No. of Prosecutions. | No. of Cases Withdrawn or Complied with. | No. of Cases in which Parties were Warned or Discharged. | No. of Convictions. | No. of Post-ponements falling during the year 1937-38. | Amount of Fines. Rs. a. p. |
|---|---|---|---|---|---|---|
| 231 .. | 195 | 77 | 17 | 69 | 32 | 698 8 0 |
| 243 (2) .. | 46 | 18 | 8 | 18 | 2 | 98 0 0 |
| 257 .. | 273 | 117 | 28 | 101 | 27 | 881 2 0 |
| 258 .. | 10 | 8 | .. | 1 | 1 | 20 0 0 |
| 259 (A) .. | 18 | 6 | 2 | 10 | .. | 96 0 0 |
| 297 (3) .. | 2 | 1 | .. | 1 | .. | 26 1 0 |
| 308 .. | 526 | 311 | 2 | 164 | 49 | 2,882 1 0 |
| 246 (A) .. | 1 | .. | 1 | .. | .. | .... |
| 326 .. | 2 | 2 | .. | .. | .. | .... |
| 337 .. | 104 | 65 | 1 | 17 | 21 | 321 0 0 |
| 342 .. | 93 | 54 | 6 | 13 | 20 | 293 4 0 |
| 347 (A) .. | 3 | 2 | .. | .. | 1 | .... |
| 349 .. | 14 | 5 | .. | 7 | 2 | 45 0 0 |
| 349 (C) .. | 1 | .. | .. | 1 | .. | 25 0 0 |
| 349 (B) .. | 1 | .. | .. | 1 | .. | 100 0 0 |
| 349 (D) .. | 1 | 1 | .. | .. | .. | .... |
| 353 .. | 15 | 8 | 1 | 5 | 1 | 210 0 0 |
| 353 (A) .. | 99 | 55 | 4 | 13 | 27 | 550 0 0 |
| 354 .. | 192 | 85 | 6 | 36 | 65 | 786 8 0 |
| 356 .. | 5 | 4 | 1 | .. | .. | .... |
| 358 .. | 1 | .. | .. | 1 | .. | 15 0 0 |
| 377 (A) (1) .. | 7 | 6 | .. | 1 | .. | 25 0 0 |
| Bye-law 40.. | 1 | 1 | .. | .. | .. | .... |
| | 1,610 | 826 | 77 | 459 | 248 | 7,072 8 0 |

Add the amount of fines in old postponed cases inflicted during the year 1937-38 .. .. .. .. .. .. .. .. 1,345-15-0

Total Rs. .. 8,418-7-0

(75) 984 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these 752 were complied with and the remaining 232 were pending at the close of the year.

(76) Out of 202 notices under Section 354 pending at the close of the previous year, 174 were complied with and the remaining 28 were still pending at the close of the year.

(77) 15 buildings or portions thereof fell during the year under report. There were no casualties in 11 cases. In 4 cases 9 persons were injured and 3 killed.

(78) Action was taken under Section 349 of the Municipal Act in 42 cases for the summary removal of huts or walls made of inflammable materials. Out of these 22 were complied with and the remaining 20 were pending at the close of the year.

(79) Out of the 19 cases under Section 349 which were pending at the close of the previous year 6 were complied with and the remaining 13 were still pending at the close of the year.

(80) Applications were made to the Standing Committee for the removal of unauthorized works in 5 cases. In 4 of these the works were removed by the parties and the remaining 1 case is pending at the close of the year.

(81) Out of the 3 cases which were pending at the close of the previous year, in 2 cases the works were removed by the parties and in one case the work was allowed to remain.

(82) 4,384 notices were issued under Section 308 of the Municipal Act for the removal of unauthorized projections. Out of these 3,810 notices were complied with and the remaining 574 were pending at the close of the year.

(83) 684 cases under Section 308 pending at the close of the previous year were all complied with.

(84) During the year under report 2,180 stall boards and weather frames were permitted and 1,538 unauthorized projections were removed.

(85) The total income from stall boards and weather frames during the year under report amounted to Rs. 1,23,182-2-8 as against Rs. 1,03,310-1-4 for the previous year. The total number of stall boards and weather frame projections permitted is 7,073.

(86) The following statement shows the expenditure incurred and income derived during the course of the last three years on account of temporary projections such as stall boards and weather frames :—

| Year. | Staff. | | Income | Expenditure. | Net Income. |
|---|---|---|---|---|---|
| | Sub-overseers. | Clerks. | | | |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1935-36 .. | 11 | 2 | 1,02,101 11 7 | 17,211 7 0 | 84,890 4 7 |
| 1936-37 .. | 13 | 3 | 1,03,310 1 4 | 18,784 8 0 | 85,525 9 4 |
| 1937-38 .. | 17 | 4 | 1,23,182 2 8 | 22,524 15 0 | 1,00,657 3 8 |

(87) The problem of controlling projections on Streets such as weather frames, awnings and stall boards is getting difficult day by day. The last named has become the subject of controversy in the Press and it seems that while the pedestrians do not like these projections the shop-keepers are keen on having them.

(88) The net income derived by the Municipality in the form of fees from these projections during the year under report was Rs. 1,00,657-3-8, out of which about Rs. 75,490-0-0 were derived from the stall boards.

(89) There is no doubt that these stall boards do cause obstructions to pedestrians traffic to a certain extent and a report has been made to the Corporation recommending a policy of withholding permits on important streets and granting them on unimportant and less busy Streets and their final decision in regard to the policy on the subject is awaited. In the meantime fresh permits for such projections on important roads and street corners are not issued and steps are being taken not to renew existing permits at such places.

(90) In all 9,736 notices were issued under the following Sections of the Municipal Act :—

| Section of the Municipal Act. | No. of Notices. |
|---|---|
| 231 .. .. .. .. .. .. | 977 |
| 243 (2) .. .. .. .. .. .. | 333 |
| 257 (1) (*a*) .. .. .. .. .. | 2,139 |
| 298 .. .. .. .. .. .. | 35 |
| 299 .. .. .. .. .. .. | 46 |
| 308 .. .. .. .. .. .. | 4,384 |
| 311 .. .. .. .. .. .. | 2 |
| 329 .. .. .. .. .. .. | 17 |
| 349 .. .. .. .. .. .. | 42 |
| 349 (D) .. .. .. .. .. .. | 2 |
| 351 .. .. .. .. .. .. | 97 |
| 351 (2) .. .. .. .. .. .. | 5 |
| 353 .. .. .. .. .. .. | 104 |
| 354 .. .. .. .. .. .. | 984 |
| 354(A) .. .. .. .. .. .. | 365 |
| 377(A) (1) .. .. .. .. .. | 122 |
| 383 .. .. .. .. .. .. | 2 |
| 488 .. .. .. .. .. .. | 80 |
| Total No. of Notices .. | 9,736 |

91. During the year under report 1,924 buildings were surveyed by the Ward Staff with a view to register newly constructed tenements in the City. The following statement shows the number of tenements newly constructed :—

| Ward. | Number of One-room Tenements. | Number of Two-room Tenements. | Number of larger Tenements usually known as Blocks. |
|---|---|---|---|
| A .. .. .. | 222 | 145 | 244 |
| B .. .. .. | 72 | 4 | 11 |
| C .. .. .. | 358 | 79 | 72 |
| D .. .. .. | 1,254 | 1,013 | 547 |
| E .. .. .. | 690 | 175 | 93 |
| F .. .. .. | 1,036 | 1,161 | 661 |
| G .. .. .. | 826 | 1,054 | 451 |
| Total .. | 4,458 | 3,631 | 2,079 |

92. The following statement shows the number of tenements demolished during the year :—

| Ward. | Number of One-room Tenements. | Number of Two-room Tenements. | Number of larger Tenements usually known as Blocks. |
|---|---|---|---|
| A .. .. .. | 219 | 36 | 7 |
| B .. .. .. | 129 | 6 | 3 |
| C .. .. .. | 221 | 19 | 19 |
| D .. .. .. | 243 | 34 | 24 |
| E .. .. .. | 14 | 2 | 2 |
| F .. .. .. | 794 | 15 | 39 |
| G .. .. .. | 521 | 14 | 13 |
| Total .. | 2,141 | 126 | 107 |

## GENERAL.

93. In my last report it was mentioned that steps were being taken for the revision of a number of the Building Regulations and Byelaws. It was found, however, that rapid progress in that direction was not possible unless an officer was specially appointed for the work, as the staff of the Building Department was already overworked due to abnormal building activity in all parts of the City. Besides the work of revision of these Regulations and Byelaws turned out to be of a very large magnitude than was anticipated in the beginning.

94. The problems of a big City like Bombay are daily assuming new aspects and the Civic sense of the people is also getting keener every day. The problems of slum clearance, congestion of traffic on streets, parking places for cars, play-grounds, etc., are getting difficult of solution day by day and only a few amendments of existing regulations and byelaws were not thought enough to touch these problems, which required framing of new rules and regulations altogether. It was therefore thought advisable to overhaul the whole structure of the Building Regulations and Byelaws by entrusting the work to an experienced special officer. The importance of the work was appreciated by the Corporation and they have by their Resolution No. 421 of 2-9-37 sanctioned the appointment of a special officer.

95. Since this appointment the work has been taken up in right earnest and the preliminary draft for the amendments is getting ready. Entirely new Regulations and Byelaws are being framed to secure powers for introducing and controlling some of the following features which would go a long way in improving the City.

96. (1) Zoning, (2) Acquisition of buildings or parts thereof coming within setback lines, (3) Prescribing lines of visibility on buildings at Street corners, (4) Prescribing building lines in addition to Street alignments. (5) Controlling elevations of buildings along important streets and public places, (6) Prescribing lines on house gullies with a view to converting them into 10′ wide service passages, (7) Demanding parking spaces for public buildings and theatres within their own premises, (8) Demanding garaging accommodation and servants' quarters in cases of larger residential buildings, (9) Extending existing Cul-de-sac public streets to meet important thorough streets, etc.

97. In addition to the above new bye-laws are to be framed for regulating steel structures and R.C.C. work which methods of construction are largely replacing the old methods consisting of thick brick walls with teak-wood posts and floorings. It is hoped to publish shortly all these amendments and new regulations and bye-laws to elicit public opinion especially of Architects and Public bodies interested in this question before submitting them to the Corporation. If Landlords, Architects and Public bodies take a broad view for the future of Bombay and co-operate in supporting the new Bye-laws as they are framed, there is no doubt that future improvement of the City will be possible on right lines in a reasonably short time.

## IV. MECHANICAL BRANCH.

### (A) Municipal Workshops.

98. The position of the Municipal Workshops is now on a very satisfactory basis. The total expenditure on works carried out during the year aggregated Rs. 2,63,985 against Rs. 2,52,084 of the preceding year and Rs. 2,16,260 of the year 1935-36.

99. The expenditure incurred on labour and stores is given below :—

**Departmental Works.**

| | Rs. | a. | p. |
|---|---|---|---|
| Labour .. .. .. .. .. .. | 1,04,911 | 0 | 0 |
| Stores .. .. .. .. .. .. | 1,49,856 | 0 | 0 |
| | 2,54,767 | 0 | 0 |
| Supervision .. .. .. .. | 7,455 | 0 | 0 |
| Total .. | 2,62,222 | 0 | 0 |

**Private Works.**

| | | | |
|---|---|---|---|
| Labour .. .. .. .. .. .. | 603 | 0 | 0 |
| Stores .. .. .. .. .. .. | 617 | 0 | 0 |
| | 1,220 | 0 | 0 |
| Supervision .. .. .. .. | 543 | 0 | 0 |
| Total .. | 1,763 | 0 | 0 |

This shows that the increase in the turnover of the shops during the year under report amounted to Rs. 11,901 more than that of the preceding year.

100. The number of jobs carried out during the year was 5,408 against 4,814 of the preceding year showing an increase of 594.

101. The cost of the upkeep of the shops during the year amounted to Rs. 23,308 against Rs. 22,757 of the preceding year, showing an increase of Rs. 551 due to the increase in the turnover of the shops. The details of the upkeep charges for the year under report as well as the preceding year are given below :—

| | 1936-37. | | | 1937-38. | | |
|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. |
| Labour .. .. .. .. | 12,415 | 0 | 0 | 13,207 | 0 | 0 |
| Stores .. .. .. .. | 2,909 | 0 | 0 | 2,908 | 0 | 0 |
| Electric charges .. .. .. | 3,079 | 0 | 0 | 3,293 | 0 | 0 |
| Coal & Coke .. .. .. .. | 4,354 | 0 | 0 | 3,900 | 0 | 0 |
| | 22,757 | 0 | 0 | 23,308 | 0 | 0 |

102. The overhead charges for Establishment, Telephone service, Printing & Stationery, Contingencies, &c., amounted to Rs. 44,335 against Rs. 49,809 of the preceding year a : given below :—

| | 1936-37. | | | 1937-38. | | |
|---|---|---|---|---|---|---|
| *Establishment*— | Rs. | a. | p. | Rs. | a. | p. |
| (*a*) Permanent .. .. .. | 45,222 | 0 | 0 | 39,457 | 0 | 0 |
| (*b*) Allowances .. .. .. | 1,425 | 0 | 0 | 1,700 | 0 | 0 |
| Repairs to buildings.. .. .. | 944 | 0 | 0 | 358 | 0 | 0 |
| Repairs, miscellaneous .. .. | 83 | 0 | 0 | 203 | 0 | 0 |
| Rent for telephone .. .. .. | 96 | 0 | 0 | 96 | 0 | 0 |
| Printing .. .. .. .. | 706 | 0 | 0 | 701 | 0 | 0 |
| Stationery .. .. .. .. | 136 | 0 | 0 | 198 | 0 | 0 |
| Contingencies, miscellaneous .. | 470 | 0 | 0 | 413 | 0 | 0 |
| Clothing .. .. .. .. | .... | | | 111 | 0 | 0 |
| Books & Deadstock .. .. | .... | | | 148 | 0 | 0 |
| Depreciation .. .. .. .. | 727 | 0 | 0 | 950 | 0 | 0 |
| | 94,809 | 0 | 0 | 54,334 | 0 | 0 |

103. The total expenditure on the upkeep of the shops and the overhead charges amounted to Rs. 67,643 (Rs. 44,335 + Rs. 23,308) which gives a proportion of 25.6 per cent. to the expenditure incurred on labour and stores in the execution of the works against the proportion of 29.8 per cent. in the preceding year. This proportion can stand comparison with any public or private industrial workshop in the City. On the whole, it can be said that from the point of view of economic production, the Workshop has attained satisfactory results. It may, however, be pointed out that this proportion is dependent upon the amount of turnover and it is hoped that with a further increase in the turnover, still more reduction in this direction may be possible.

104. The income from the sale of unserviceable material, weighment fees, fees for ambulances, etc., under 9—Mechanical, Miscellaneous, Miscellaneous receipts, amounted to Rs. 27,700 against the revised estimate of Rs. 26,000.

## (B) LOVE GROVE PUMPING STATION.

105. This station continued in successful operation throughout the year. All the anticipated economies due to the installation of Static Condensers have been fully realised and no difficulty has been experienced in working the plant.

106. The contract for the supply of electric energy by the Tata Hydro-Electric Power Supply Co. will shortly expire and it is hoped that more favourable terms for the purchase of current may be forthcoming.

107. The Static Condensers have continued to give satisfaction and a full rebate amounting to Rs. 1,078 per month has been realised during the year.

108. The average quantity of sewage pumped during the dry weather amounted to about 60 million gallons per day whilst during the monsoon it varied from 2 to 4 times the dry weather flow.

109. The following statement gives the number of electric units consumed, payment made for the same, the quantity of sewage pumped, the average rate per electric unit and the cost of pumping sewage per million gallons for the past five years :—

| Year. | Number of units consumed. | Cost of electrical energy. | Average rate per unit. *Annas.* | Quantity of sewage pumped in million gallons. | Total expenditure. | Rate per million gallons. |
|---|---|---|---|---|---|---|
| | | Rs. | | | Rs. | Rs. |
| 1933-34 .. | 2,302,900 | 87,525 | 0.608 | 21,937 | 1,76,244 | 8.0 |
| 1934-35 .. | 2,524,000 | 96,775 | 0.613 | 21,844 | 1,60,559 | 7.4 |
| 1935-36 .. | 2,541,380 | 83,396 | 0.525 | 23,592 | 1,40,320 | 5.9 |
| 1936-37 .. | 2,472,760 | 72,142 | 0.573 | 23,098 | 1,26,770 | 5.4 |
| 1937-38 .. | 2,510,800 | 72,012 | 0.554 | 23,211 | 1,24,565 | 5.36 |

110. It will be noticed that the rate per million gallons has steadily decreased year by year. The present agreement with the Tata Hydro-Electric Power Supply Co. Ltd., will expire in 1938 and negotiations are being opened with the Company with a view to renewing the contract on terms more favourable to the Municipality.

111. A very high standard of efficiency is being maintained in running these pumps and no further reduction in the cost of pumping can be anticipated unless more favourable terms for the supply of energy are obtained.

112. Since the installation of the new pumps, the average height of the sewage in the detritus chamber continued to be maintained at R. L. 69 (T.H.D.), a suitable level for ensuring a free outfall. A noticeable decrease in the surcharging of the sewers has occurred during the year.

113. The following statement gives the expenditure incurred on the maintenance of the sewers during the last five years :—

| Year. | Expenditure booked. |
|---|---|
| | Rs. |
| 1933–34 .. .. .. .. .. .. | 3,01,426 |
| 1934–35 .. .. .. .. .. .. | 2,89,147 |
| 1935–36 .. .. .. .. .. .. | 2,73,810 |
| 1936–37 .. .. .. .. .. .. | 2,61,500 |
| 1937–38 .. .. .. .. .. .. | 2,77,839 |

114. The detritus removed at Love Grove Pumping Station amounted to 4,250 tons. Proposals for improved methods of increasing the precipitation of detritus are under consideration and will be put forward in due course.

115. The usual practice of using Storm Water Reservoir during the monsoon was in operation, but the value of the reservoir is very limited and no material effect will be noticed if it be gradually filled up. With the increased pumping capacity now available the additional amount of storm water can be effectively dealt with by draining it to the new electric pumps.

116. There were no involuntary stoppages of the pumping plant during the year under report, and no failure of current.

117. On the termination of the monsoon, a thorough examination of the Love Grove Outfall was again carried out. As far as could be ascertained, no further damage to the upper part of the Outfall is to be recorded but the undermined portion is a cause for considerable anxiety as the undermining action of the sea is undoubtedly continued and without involving considerable expense it is impossible to ascertain the further extent of the damage. Definite proposals cannot be put up immediately as the matter is of great importance and involves such expense as to necessitate the most careful investigation and consideration of the latest methods adopted in other countries for dealing with such a situation. It is expected, however, that a detailed scheme will be placed before the Corporation within the next twelve months for consideration.

## (C) DADAR SEWAGE WORKS.

### Purification Plant at Dadar.

118. The sewage from the area to the east of G.I.P. Railway lines continued to be treated in the Activated Sludge Plant at Dadar after being pumped at the pumping station at Matunga. The plant worked continuously day and night and the average quantity of sewage treated amounted to 2.1 million gallons per day, the total quantity of sewage treated during the year being 751 million gallons. This is less by about 150 million gallons over the last year. The reason for this is to be found in the fact that for the major part of the year under report, the extension plant was under construction and consequently many times the sewage had to be diverted to Mahim Creek, to facilitate the inter-connections of the old with the new units. Experiments on the keeping quality of the Activated Sludge used for injection have clearly shown that owing to climatic conditions, consolidation of the Activated Sludge in the final settlement tanks is not possible in Bombay particularly in dry months. Larger Activated Sludge return capacity is now provided and although microscopic and other examination of the sludge is daily necessary, the trouble of sludge getting septic is considerably under control. It is now definitely established that trade wastes are coming in along with sewage, as one can occasionally but suddenly see sewage of pink or red colour coming into the Detritus Tank and many times in the morning the smell is like that of the discharge from textile mills.

119. Chlorination of the sewage at Matunga during winter and summer, to avoid septicity of sewage was continued.

120. The point regarding the percentage of sludge to be maintained in the aeration tank, was further investigated. It has been now established that in the Dadar plant 5 to 6 per cent. is the limit in hot weather and 9 to 10 per cent. in other seasons. The problem arising out of the lightness of the sludge continues to be investigated. On the whole the purified effluent has been of a very high standard of purity and the plant functioned satisfactorily throughout the year. This will be seen from the results of the day to day analyses of sewage and effluent given in the statement appended.

121. The extension to the Purification Plant referred to in last year's report consisted of, one continuous flow settlement tank, two preliminary settling tanks, 12 aeration tanks and two final settlement tanks. The preliminary settling, the aeration and the final settlement tanks were completed by December end 1937 and brought into use to cope with the additional volume of sewage from January 10th, 1938. The plant was slowly matured and by March middle it was ready to treat its designed flow of 1.4 m.g.d. As a result of the extension units working to the full capacity, from March middle 1938 the entire volume of sewage received at the Matunga Pumping Station is being treated at the Dadar Works and nothing since that date is discharged to Mahim Creek.

122. The continuous Flow Settlement Tank was not ready till the end of March.

123. The total expenditure on power consumed, establishment, etc., for working the plant amounted to Rs. 48,545.

124. It would be possible to give the cost of treatment per million gallons of sewage only when the plant is working at its full capacity next year.

### Sludge Digestion Tank.

125. The work of constructing this tank which was entrusted to Messrs. Duncan Stratton & Co. was completed by them on 28-2-1937. The working of the Tank was started on 1-4-1937 and since then it has been functioning very satisfactorily. It has so far given no mechanical or biochemical trouble. A table of the data showing the year's working of the Digestion Tank is attached herewith.

126. Although the gas is useful in many ways before any definite proposal for the use of the gas could be made it was essential to observe the day to day and month to month generation of gas to see if the volume varied very much in any particular season. For this reason the generated gas had to be burnt to waste. Throughout the year therefore the gas continued to be burnt to waste in three special burners built in a small chamber of firebricks.

127. From December 11, 1937, sludge gas is being used for lighting the 18 gas lamps on the Tulsi Pipe Road and for the lights in the Dadar Purification Works Laboratory. For heating and cooking purposes sludge gas is quite suitable. The sludge gas has 650 to 700 B.T.U. per cu. ft. and the town gas has only 450 B.T.U. The compositions also differ. Some minor adjustments are therefore necessary in using this gas for heating and cooking purposes.

128. The observations on the quantity of gas generated daily with reference to the volume of raw sludge pumped into the Digestion Tank have shown that it can be assumed that the production of a minimum volume of 25,000 cu. ft. per day can be safely relied upon. With a view to utilizing this gas, which is now proved beyond doubt to be quite suitable for domestic use, to the best advantage of the Municipality, arrangements were made to convey the gas by means of a 6″ pipe line to the K. E. M. Hospital which consumes for various purposes a quantity of 17,000 to 20,000 cu. ft. of gas per day. The laying of the pipe line to the K.E.M. Hospital was almost completed by the end of March 1938.

129. From the annexed table it will be seen that even in the first year the total gas generated amounted to 10 million cu. ft. from a sewage flow of 751 million gallons.

130. Apart from the ultimate utility of the sludge gas, either as a source of heat or direct power or its conversion into electricity or its use in place of petrol for lorries, the Digestion Tank has amply justified its construction and has helped in solving the problem of sludge disposal. It will be noted from the tabulated data that a volume of 11 million gallons of raw sludge was pumped into the Digestion Tank during the course of the year and only 1 million gallons of digested sludge was removed from the tank.

131. The digested sludge removed from the tank when dried could make a good manure as it contains 2.5 per cent. nitrogen, 1 per cent. calcium and the most valuable ingredient required by the soil, the Humus. Efforts were made to sell the dried sludge as manure and although the results were not very encouraging so far, it is hoped that in course of time better results would be obtained.

132. The Sewage Works Laboratory continued to do useful work for running both the plants satisfactorily. The total number of samples examined chemically and recorded in detail during the year in connection with Dadar Sewage Works was 750.

## (D) MATUNGA PUMPING STATION.

133. This station has now developed into one of major importance and the amount of sewage to be dealt with has exceeded expectations owing to the very rapid development of the surrounding areas. During the monsoon period of 1937 a record of 12 million gallons pumped per day was experienced and the dry weather flow averages $3\frac{1}{2}$ million gallons per day. This necessitates the replacement of one of the smaller pumps by a larger one of 6 million gallons per day capacity. The smaller thus displaced will be installed at one of the pumping stations to be erected in the Northern part of the Island.

## (E) POIBAODI, PURBHADEVI AND ARTHUR ROAD PUMPS.

134. The pumps at these places continued in operation. The approximate quantity of sewage and the expenditure incurred during the year were as under :—

| | Approximate quantity of sewage pumped in million gallons. | Expenditure during the year. |
|---|---|---|
| | | Rs. |
| Poibaodi .. .. .. .. | 160 | 5,885 |
| Purbhadevi .. .. .. .. | 6 | 1,070 |
| Arthur Road .. .. .. .. | 168 | 6,256 |

135. The increased quantity dealt with at Poibaodi and Arthur Road is due to the pumps being in operation for a longer period.

## (F) COMPRESSOR STATION.

136. The electrically-driven air compressor stations at Fergusson Road and Victoria Gardens worked satisfactorily.

137. The electric units at the two stations together with the cost of current were as follows :—

| ——— | No. of units consumed. | Cost. | Average cost per unit. |
|---|---|---|---|
| | | Rs. | |
| Fergusson Road .. .. | 7,97,900 | 21,026 | .423 |
| Victoria Gardens .. .. | 14,58,230 | 38,572 | .423 |

138. Static Condensers at these two stations continued to work satisfactorily and the savings effected therefrom during the year under review amounted to Rs. 10,731 which are more than our expectations.

139. The water coolers at these stations have been working satisfactorily.

140. These stations are now operating at their maximum efficiency and no further savings can be anticipated unless more favourable rates for the supply of current, which is the major item of expense, are received from the Supply Companies.

141. WARDEN ROAD.—The compressors at this station along with the two vertical spindle electrically-driven pumps continued to give very satisfactory results.

The improvement in the drainage of the district served by this station is very marked and we are not likely to experience any trouble through surcharging of the sewers in the near future.

The number of units consumed at the station for the compressors and electric pumps amounted to 4,19,080 at a cost of Rs. 18,331 giving an average rate of .7 anna per unit.

142. COLABA.—The air compressor station at Colaba gave very satisfactory and economical results during the year, the number of units consumed being 5,85,854 at a total cost of Rs. 17,269 giving an average rate of .472 anna per unit.

143. A scheme for the additional sewerage arrangements due to the increase in building activities in the Colaba area is before the Corporation for consideration.

## (G) EJECTOR STATIONS.

144. The 19 ejector stations located in the different parts of the City worked satisfactorily during the year. The three stations at First Pasta Lane, Back Bay, Churchgate have been working satisfactorily. One more ejector has been erected at Worli and will be brought into operation shortly. The working of the ejector system is satisfactory. The total quantity of sewage at the various ejector stations amounted to 5,551 million gallons during the year.

145. The decentralisation of the compressor stations has resulted not only in increasing the efficiency of the system but also in effecting considerable savings as will be seen from the following statement which shows the expenditure incurred on the maintenance of compressor stations and ejectors for the past five years :—

| Year. | Expenditure incurred on the maintenance of Compressors and Ejectors. |
|---|---|
| | Rs. |
| 1933-34 .. .. .. .. .. .. | 2,24,009 |
| 1934-35 .. .. .. .. .. .. | 2,05,294 |
| 1935-36 .. .. .. .. .. .. | 1,91,937 |
| 1936-37 .. .. .. .. .. .. | 1,86,233 |
| 1937-38 .. .. .. .. .. .. | 1,83,975 |

146. The number of complaints received from the public regarding the chokage of drains in the areas served by the ejector stations has fallen considerably. The pumping station at Sewri which was under construction last year was completed and brought into use. The construction of the pumping station at Tank Bunder is nearing completion and will be brought into operation very shortly.

## (H) FLOOD GATES.

147. Flood gates continued to work satisfactorily. The maintenance cost of these during the year amounted to Rs. 3,234.

## (I) INSPECTION OF FACTORIES, WORKSHOPS AND WORK-PLACES.

148. The following statement shows the number of factories, workshops and work-places inspected in the City during the year under Sections 390 and 479 of the Municipal Act :—

| Ward. | New Proposals for Permits and Licenses. | | Recommended Permits and Licenses. | | Factories Working without Permits. | Nuisance Cases. | Notice Issued under Section 392. |
|---|---|---|---|---|---|---|---|
| | Permits. | Licenses. | Permits. | Licenses. | | | |
| A | 64 | 10 | 64 | 10 | *Nil.* | *Nil.* | *Nil.* |
| B | 33 | 4 | 33 | 4 | *Nil.* | 5 | *Nil* |
| C | 103 | 30 | 103 | 30 | *Nil.* | 8 | *Nil.* |
| D | 106 | 35 | 106 | 35 | *Nil.* | 6 | *Nil.* |
| E | 167 | 66 | 167 | 66 | *Nil.* | 13 | *Nil.* |
| F | 54 | 30 | 54 | 30 | *Nil.* | *Nil.* | *Nil.* |
| G | 38 | 15 | 38 | 15 | *Nil.* | 3 | *Nil.* |
| | 565 | 190 | 565 | 190 | *Nil.* | 35 | *Nil.* |

149. The total number of permit and license cases inspected during the year 1937-38 was 755.

150. The nuisance cases were attended to and necessary steps taken.

151. Surprise visits were also paid to several factories to find if these are permitted or otherwise.

152. The total number of cases inspected during the year 1937-38 was 790.

153. Each factory, workshop and work-place was inspected on more than three occasions.

154. The cost incurred on supervision of factories, etc., during the year amounted to Rs. 12,767-4-0.

## (J) MOTOR TRANSPORT.

155. The expenditure under D.—Transport, I.—Inspection and Supervision, amounted to Rs. 18,162.

156. There were 75 vehicles in commission and the expenditure and total mileage covered were as under :—

| Number of Vehicles. | Description of Cars and Lorries. | Cost. | Total Mileage. |
|---|---|---|---|
| | | Rs. | |
| 4 | Inspection .. .. .. .. | 6,198 | 30,365 |
| 4 | Ambulances .. .. .. .. | 7,656 | 24,966 |
| 3 | Hearses .. .. .. .. | 3,841 | 9,299 |
| 3 | Encroachment .. .. .. | 5,745 | 16,844 |
| 37 | Road Scraping and Refuse .. .. | 2,07,365 | 5,14,194 |
| 6 | Silt .. .. .. .. .. | 14,425 | 33,843 |
| 4 | Halalkhore .. .. .. .. | 23,004 | 34,231 |
| 13 | Meat and Offal .. .. .. | 51,267 | 1,48,286 |
| 1 | Emergency Vans .. .. .. | 2,002 | 6,428 |

157. The Health Department lorries are now garaged at the Municipal Workshops.

158. The system of supplying the vehicles with petrol, oil and grease during the night has been successful and year by year the cost of running and maintaining each lorry is gradually decreasing.

### Refrigerator Plant at A. C. Market.

159. The plant continued to work satisfactorily. The expenditure on maintenance and running was Rs. 16,188.

160. The plant was installed about 16 years ago and is now obsolete. In view of the difficulty experienced in getting spare parts and of the frequent repairs necessitated, a proposal to replace it by one of modern type is under consideration.

## Analysis of Average Samples of Sewage and Purified Effluent of the Purification Plant, Dadar.

*Results in parts of* 100,000.

| Particulars. | April 1937. | | May 1937. | | June 1937. | | July 1937. | | August 1937. | | September 1937. | | October 1937. | | November 1937. | | December 1937. | | January 1938. | | February 1938. | | March 1938. | | Yearly Averages. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. | Sewage. | Effluent. |
| 1. Total Solids .. .. .. | 72.0 | 44.94 | 82.5 | 46.34 | 86.13 | 55.22 | 92.8 | 71.16 | 108.42 | 82.38 | 102.25 | 75.76 | 96.77 | 74.97 | 85.12 | 59.82 | 88.15 | 57.38 | 93 | 52.11 | 75.34 | 42.33 | 76.13 | 38.6 | 79.89 | 58·40 |
| 2. Suspended Solids .. .. | 25.8 | 2.3 | 30.2 | 2.94 | 21.6 | 1.67 | 18.7 | 0.32 | 19.5 | 0.53 | 21.1 | 0.58 | 23.5 | 0.61 | 21.13 | 1.24 | 28.4 | 1.5 | 40.0 | 2.31 | 32.3 | 2.57 | 30.9 | 1.87 | 26·09 | 1·53 |
| 3. Oxygen absorbed in 3 minutes. | 1.62 | 0.37 | 1.76 | 0.41 | 1.16 | 0.34 | 0.75 | 0.28 | 1.0 | 0.20 | 1.26 | 0.23 | 1.79 | 0.22 | 2.52 | 0.42 | 1.76 | 0.39 | 2.0 | 0.27 | 2.38 | 0.31 | 2.33 | 0.34 | 1·69 | 0·31 |
| 4. Oxygen absorbed in 4 hours | 4.62 | 0.95 | 4.69 | 1.09 | 3.12 | 0.84 | 2.15 | 0.46 | 2.83 | 0.43 | 2.88 | 0.43 | 3.66 | 0.56 | 4.3 | 0.84 | 4.62 | 0.90 | 5.04 | 0.87 | 4.91 | 1.00 | 5.1 | 0.82 | 3·98 | 0·76 |
| 5. Alkalinity .. .. .. | 19.87 | 20.11 | 21.63 | 21.13 | 21.3 | 20.2 | 21.54 | 20.77 | 21.25 | 21.36 | 21.76 | 21.17 | 24 | 21.25 | 21.73 | 22.13 | 22.13 | 23.15 | 20.71 | 21.55 | 21.33 | 21 | 21.1 | 20.1 | 21·52 | 21·16 |
| 6. Chlorine as Chloride .. | 9.4 | 10.4 | 9.0 | 9.5 | 8.0 | 8.4 | 9.1 | 9.0 | 11.8 | 12.4 | 12.7 | 12.6 | 24.2 | 25.3 | 17.8 | 19.6 | 15.7 | 17.5 | 12.3 | 14.2 | 8.4 | 9.0 | 7.7 | 8.0 | 12·18 | 12·89 |
| 7. Free Nitrogen .. .. | 1.68 | 1.26 | 1.52 | 1.21 | 1.14 | 0.92 | 0.92 | 0.48 | 1.14 | 0.77 | 1.16 | 0.77 | 1.34 | 0.99 | 1.41 | 0.99 | 1.47 | 1.07 | 1.63 | 1.3 | 1.8 | 1.37 | 1.8 | 1.33 | 14·16 | 1·03 |
| 8. Albuminoid Nitrogen .. | 0.44 | 0.15 | 0.49 | 0.15 | 0.33 | 0.11 | 0.33 | 0.11 | 0.33 | 0.11 | 0.38 | 0.11 | 0.35 | 0.12 | 0.41 | 0.14 | 0.44 | 0.15 | 0.56 | 0.17 | 0.56 | 0.19 | 0.58 | 0.17 | 0·43 | 0·14 |
| 9. P. H. .. .. .. | 6.9 | 7.5 | 7.1 | 7.7 | 7.3 | 7.6 | 7.3 | 7.7 | 7.3 | 7.7 | .. | .. | .. | .. | 7.3 | 5.8 | 7.3 | 7.5 | 7.3 | 7.5 | 7.2 | 7.4 | 7.0 | 7.4 | 7·2 | 7·4 |
| 10. Nitrite .. .. .. | .. | 0.0014 | .. | 0.0008 | .. | 0.1282 | .. | 0.1315 | .. | 0.0075 | .. | 0.0396 | .. | 0.027 | .. | 0.0018 | .. | 0.0003 | .. | 0.0001 | .. | 0.0004 | .. | 0.0001 | Nil. | ·0273 |
| 11. Nitrate .. .. .. | 0.012 | 0.012 | 0.011 | 0.011 | 0.018 | 0.013 | 0.009 | 0.01 | 0.011 | 0.012 | 0.01 | 0.009 | 0.009 | 0.009 | 0.014 | 0.014 | 0.024 | 0.016 | .. | 0.02 | 0.024 | 0.029 | 0.016 | 0.015 | ·014 | 0·014 |
| 12. Dissolved Oxygen .. .. | Nil. | 0.20 | Nil. | 0.16 | Nil. | 0.3 | Nil. | 0.31 | Nil. | 0.31 | Nil. | 0.42 | Nil. | 0.31 | Nil. | 0.24 | Nil. | 0.20 | Nil. | 0.19 | Nil | 0.19 | Nil. | 0.2 | Nil. | 0·25 |
| 13. Flow in 24 hours million gallons .. .. .. | 1.75 | | 1.53 | | 1.47 | | 3.30 | | 3.15 | | 2.32 | | 1.79 | | 1.74 | | 1.49 | | 1.67 | | 2.17 | | 2.26 | | 2·1 | |
| 14. Total flow million gallons .. | 52·78 | | 47.55 | | 44.29 | | 102.4 | | 97.9 | | 69.89 | | 55.49 | | 52.33 | | 44.82 | | 51.93 | | 60.93 | | 70.64 | | 62·66 | |
| 15. Power Consumption per M. G. D. treated .. .. | 37 | | 40 | | 34 | | 19 | | 20 | | 28 | | 34.85 | | 37.66 | | 41.7 | | 40.6 | | 35.05 | | 33.9 | | 31·8 | |
| 16. Total volume of Sewage treated in the year .. | 751 million gallons. | | | | | | | | | | | | | | | | | | | | | | | | | |

## Dadar Purification Works.

*Sludge Digestion Tank—Data for the year* 1937-38.

| Months. | Gas in cubic ft. | Sludge to Digestion Tank Gallons. | Total Dry matter added to Digestion Tank in lbs. | Total Volatile matter added to Digestion Tank in lbs. | Digested Sludge removed to Beds in Gallons. | Total Dry matter removed with digested sludge in lbs. | Total Volatile matter removed with digested sludge in lbs. | Dried Digested Sludge removed from beds in Tons. | Gas generated per lb. of Dry matter in cubic ft. | Gas generated per lb. of Volatile matter in cubic ft. | Sewage Flow in Million Gallons. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| April 1937 .. | 11,31,900 | 17,77,500 | 2,55,034 | 1,25,000 | 49,000 | 29,890 | 14,090 | 28 | 4.4 | 9.0 | 52.78 |
| May ,, .. | 11,19,700 | 8,51,300 | 2,20,351 | 1,26,732 | 60,000 | 38,520 | 16,990 | 37 | 5.1 | 8.8 | 47.55 |
| June ,, .. | 3,95,800 | 7,34,000 | 2,58,541 | 1,39,258 | 40,000 | 27,310 | 10,560 | 26 | 1.5 | 2.9 | 44.29 |
| July ,, .. | 6,90,900 | 6,14,000 | 2,51,723 | 1,18,631 | 30,000 | 18,190 | 8,920 | 18 | 2.8 | 5.8 | 102.4 |
| August ,, .. | 10,88,400 | 7,87,500 | 2,96,365 | 1,46,101 | 85,000 | 68,530 | 23,970 | 66.5 | 3.6 | 7.4 | 97.9 |
| September ,, .. | 6,82,500 | 3,87,000 | 1,52,704 | 82,294 | 50,000 | 30,900 | 12,700 | 31 | 4.4 | 8.3 | 69.89 |
| October ,, .. | 7,33,200 | 7,18,000 | 2,01,940 | 1,18,767 | 55,000 | 38,775 | 12,665 | 38 | 3.6 | 6.1 | 55.49 |
| November ,, .. | 7,69,600 | 8,19,500 | 1,80,289 | 1,03,586 | 80,000 | 56,940 | 17,930 | 55.5 | 4.3 | 7.4 | 52.33 |
| December ,, .. | 6,79,400 | 8,68,500 | 1,70,125 | 1,01,228 | 1,03,000 | 64,111 | 24,862 | 60 | 4.0 | 6.7 | 44.82 |
| January 1938 .. | 8,88,100 | 13,86,500 | 2,53,926 | 1,47,466 | 1,75,000 | 1,10,110 | 43,855 | 106.5 | 3.5 | 6 0 | 51.93 |
| February ,, .. | 8,06,900 | 10,47,500 | 2,07,784 | 1,19,747 | 1,40,000 | 79,940 | 32,130 | 79 | 3.9 | 6.7 | 60.93 |
| March ,, .. | 11,73,600 | 10,10,000 | 2,30,514 | 1,34,758 | 1,43,000 | 75,774 | 30,727 | 74 | 5.1 | 8.9 | 70.64 |
| Total for whole year.. | 101,60,000 | 110,01,300 | 26,79,296 | 14,63,565 | 10,10,000 | 6,38,990 | 2,49,399 | 619.5 | 3.7 | 6.9 | 750.95 |

Composition of the Sludge Gas :—
65 to 68 % Methane.
25 to 30 % Carbon Dioxide.
2.5 to 5 % Nitrogen.
0.2 to 1 % Oxygen.

## V. WORKS BRANCH.

### A. Construction—Roads and Footpaths.

161. **Capital works carried out during the year.**—The expenditure booked upto the end of the year in the construction of roads, paving of footpaths and laying storm water drains and pipe sewers, aggregated to Rs.6,09,059. The method of pavement for footpaths was adopted in accordance with the policy approved by the Corporation under their Resolution No. 612 of 23-11-1936. The improvement of roads consisted of treating them with 3″ sheet asphalt carpet or sett stones on 6″ cement concrete foundations in accordance with the exigencies of traffic. The work of laying asphalt carpet was executed departmentally through the staff specially maintained for the purpose. The cost of the Capital Works carried out departmentally and by contract amounted to Rs. 3,05,848 and Rs. 3,03,211 respectively. Full particulars of the works carried out are stated in the statements marked A, B, C, and D.

There are a few so called bottle-necks in the City and these have been a subject-matter of criticism in the Press and the question of doing away with them has been under consideration for a long time. During the year under report the work of widening the Love Grove Bridge has been taken up. This will remove one of the worst bottle-necks on a main arterial road leading to the City. Government have agreed to bear half the cost of construction of this work. The work of widening 1st Marine Street is also in progress. Necessary funds for the acquisition of the remaining properties have been provided and further work will be continued as soon as the land is available. As regards widening of Bandra Causeway, Government have agreed to share half the cost of the construction of the Bridge in Municipal limits. Necessary funds to meet the Municipal share of cost have been provided in the Budget for 1938-39 and the work will be executed by Government. Hornby Vellard, which has been the scene of many accidents especially during the monsoon in the past, is also being widened to 100 ft. The bottle-neck at Tardeo Road will be absorbed in the setback which is to be added to the road. Parbhadevi Road at its junction with Portuguese Church Street has already been widened. The few remaining bottle-necks will be similarly dealt with as soon as possible.

The bottle-necks mentioned are the following :—

(1) Love Grove Bridge.
(2) Hornby Vellard.
(3) 1st Marine Street.
(4) Bandra Causeway.
(5) Sion Bridge.
(6) Parbhadevi.
(7) Tardeo Road near Victoria Memorial School for the Blind.
(8) Old Colaba Level Crossing.

162. **Asphalt Roads.**—A length of 0.629 miles of roads covering an area of 11,382 sq. yards was asphalted during the year under report, the necessary asphalt being supplied by Messrs. The Standard-Vacuum Oil Co. The total mileage of the roads asphalted by the Municipality upto 28th February 1938 stands at 37.312 miles covering an area of 7,90,605.41 sq. yards.

The mileage of roads taken over from the ex-C.I. Trust was 11.484 miles covering an area of 3,48,600.15 sq. yards at the end of the year.

The total mileage and area of the roads in the City treated with Plant-mixed asphalt carpet on 28th February 1938 were thus 48.796 miles and 11,39,205.56 sq. yards respectively The particulars are given in the statement marked E.

The particulars of the different types of asphalt surfaces are given in the statement marked F.

The portion of Tardeo Road treated with ' Shalimar ' Tar in 1935-36, as an experimental measure stood well, but it is intended to prolong its life by giving it a fresh coat of ' Shalimar'. The work will be done in 1938-39.

Further portions of Frere Road and Reay Road comprising an area of 5,190 sq. yards were laid with 1½″ to 2″ premix asphalt carpet over the existing sett-stone surface. It may be stated that this method was first tried in a portion of Frere Road in 1934-35, as an experimental measure and necessary changes in details of construction had to be made from time to time after observing the behaviour of the carpets already laid. The results obtained so far are not up to expectations, but it is proposed to continue further experimental work.

The rates of laying asphalt carpets during the last five years were as follows :—

| Particulars. | 1933–34 | 1934–35 | 1935–36 | 1936–37 | 1937-38 |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| (1) 3″ Sheet Asphalt with oil Asphalt .. .. .. .. | 4 2 0 | 4 2 0 | 3 12 0 | 3 12 0 | 3 12 0 |
| (2) 2½″ Plant mixed macadam with ½″ seal coat (oil asphalt). | 3 12 0 | 3 12 0 | 3 8 0 | 3 8 0 | 3 8 0 |

163. **Concrete Roads.** The area of these roads stood at 82,262 sq. yards at the beginning of the year. An area of 6,407 sq. yards was added during the year at a cost of Rs.37,268. This brings the total area of concrete roads to 88,669 sq. yards at the close of the year under report.

164. **Sett-Stone Pavement Roads.**—The area of roads paved with sett-stones was 1,90,223 sq. yards at the beginning of the year. No additional area was laid during the year under report.

165. **Works done on behalf of Government.**—Particulars of the works carried out in the Back Bay Reclamation Scheme, on behalf of Government, during the year under report, are given in the statement marked G. The works were carried out by contracts and the total cost amounted to Rs.1,48,995.

166. **Footpaths.**—As already stated in my report for 1936-37, the modes of pavement for footpaths along Municipal roads were adopted in accordance with the policy approved by the Corporation under their Resolution No. 612 of 23rd November 1936. The Corporation, in accordance with their decision, had provided funds both in Revenue and Loan Works Budget for 1937-38 for the pavement of footpaths. A sum of only Rs.15,000 was available in the Revenue Budget for this purpose and some of the katcha footpaths were either semi-grouted or surface-dressed here and there. According to the proposal approved by the Corporation, sums of Rs. 60,000 and Rs.40,000 were to be provided in annual budgets under Loan Funds and Revenue respectively, in order to accelerate the pavement of footpaths in the City. The amounts actually provided are not adequate and if they are continued to be provided at this rate, it may take a number of years to get all the existing footpaths in the City paved. Hence, it is highly necessary that more funds should be provided every year.

As regards footpaths on ex-Trust roads, it has been decided to adopt blue stone slabs for paving footpaths in all the Trust Schemes. In the budget for 1938-39, a sum of Rs. 3,00,000 has been provided in view of a very heavy programme of footpath works as a result of considerable developments in the past few years. It is expected to pave the footpaths in all the Trust Schemes in a few years. During the year under report funds to the extent of Rs. 1,78,000 were available for expenditure and many footpaths were paved in different schemes.

As sanctioned by the Corporation under their Resolution No. 612 of 23-11-1936, a special Fund for the Renewal of the Pre-cast concrete slab pavement will be provided for under Revenue. A beginning will be made in this direction from 1939-40.

## GENERAL REMARKS.

167. **Narrow Lanes.**—There are a number of narrow lanes in the City which cannot be kept in a sanitary condition and in a good state of repairs by the ordinary method of construction on account of their narrow width and congested state. I am preparing a scheme for the construction of such lanes with cement concrete or such other suitable permanent mode of construction and if it is approved the work will be carried out by successive stages by making annual provisions in the Loan Works Budget.

168. **Renewal of Road surfaces Fund.**—There are some roads in the City which were treated with permanent mode of construction meeting the cost from Revenue. There does not exist any Special Fund for the renewal of thier surfaces on the expiration of thier fifteen years' life. As it is found that the existing surfaces of some of these roads are far from satisfactory, it is proposed to meet the expenditure on the renewal of the surfaces from Loan Fund and provide simultaneously for the Special Renewal Fund as is done in the case of other roads which are financed from Loan Funds.

169. **The feasibility of providing Footpaths where they do not exist.**—The question of preparing a scheme for providing regular footpaths along roads where such footpaths do not exist and where the widths of the roads will permit of footpaths being laid, is engaging my attention and necessary particulars and figures are being obtained. The scheme will be placed for the approval of the Corporation shortly. It is the intention that separate funds be provided for this work under Loan Funds, by convenient instalments.

170. **Capital works in Ex-C. I. Trust Schemes.**—Full particulars of the works carried out departmentally and through contract in different Ex-Trust Schemes are shown in the attached statements marked H.

171. **Worli Hill Development Scheme.**—In view of the demand for plots on Worli Hill area, in Scheme No. 58 of the Ex-C. I. Trust, a special staff was appointed to survey the Hill with a view to preparing a development scheme which is now ready for submission. A feature of the Scheme is the retention of a part of the Hill as a balancing Water Reservoir.

172. **Improvement of Private Street.**—Action under Sections 305 and 377 (1 A) of the Municipal Act was taken in respect of 15 private streets. The following streets having a length 863 feet were declared public under Section 306 of the Act during the year :—

| | Name of the Street. | Area in Sq. Yds. |
|---|---|---|
| (1) | New Mangalwadi Lane between Cadell Road and Scottish Orphanage Lane .. .. .. .. | 236.66 |
| (2) | Bhangadwadi off Vithalbhai Patel Road.. .. .. | 105.00 |
| (3) | Private Street off Cadell Road leading to Mahim Seashore. | 542.00 |
| (4) | Pimpalwadi Cross Lane .. .. .. .. .. | 124.00 |

In addition to the above, 39 more streets which were considered as private streets hitherto, have been declared public without resort to statutory action. This was done in accordance with the decision to declare public those streets in which sewers and drains were laid prior to 1888 and in some cases whose date of construction was not known although sewers and drains were laid. The details of these streets are given in the statement marked I.

The following works were carried out departmentally at the cost of the frontagers :—

| | Name of the Street. | Total Expenditure booked up to 31-3-1938. Rs. | a. | p. |
|---|---|---|---|---|
| (1) | Lanes (A to K) in Khotachiwadi off Girgaum Road. | 13,855 | 0 | 0 |
| (2) | Joshiwadi off Kalbadevi Road .. .. .. | 4,439 | 0 | 0 |
| (3) | Bhangadwadi off Vithalbhai Patel Road .. .. | 1,234 | 0 | 0 |
| (4) | Pimpalwadi Cross Lane .. .. .. .. | 1,723 | 0 | 0 |
| (5) | Private Street opposite Marine Lines Station off Queen's Road .. .. .. .. .. | 666 | 0 | 0 |
| | Total .. | 21,917 | 0 | 0 |

Prosecutions for failing to comply with the requisitions under Sections 305 and 377(1-A) of the Municipal Act were launched in the Police Courts against *29* frontagers of private streets (1) Sitafalwady off Mount Road, (2) off Sussex Road behind Maratha Plague Hospital, (3) off Shankar-rao Pupala Road and (4) off Ghorupdeo Road. Out of these, 17 cases were withdrawn as the frontagers gave their undertakings to bear the proportionate costs, *3* cases are pending and *9* cases are transferred from the Hon. Presidency Magistrate's Court to the Stipendiary Magistrate as complicated legal issues are involved.

The cases launched last year against the *4* frontagers of private street off Cow Lane were withdrawn under Municipal Solicitors' advice following the judgment given in Bhatwadi Lane case by the Presidency Magistrate III Court and the lanes have been declared public as shown in the list above.

Recoveries of the expenditure from the house-owners were in progress. In *2* cases claims amounting to Rs. 1,429 were declared 'Improvement Expenses' with the approval of the Works Committee under Section 494 of the Municipal Act and steps were taken to effect recoveries from the tenants of the properties under Sections 494 and 496 of the Act. In 5 cases action was taken under Section 498 of the Act against the tenants concerned for failing to pay their respective instalments under Section 495 of the Act.

The total expenditure on the improvement of the private streets during the year amounted to Rs. 19,148 and the total recoveries made from the house-owners during the same period for the improvements carried out during the previous years amounted to Rs. 16,515.

173. **Drains and Sewers.**—Statements showing Drainage Capital Works executed departmentally and through contract are put up at the end of this report.

During the year, a portion of the existing arched masonry storm water drain in Carnac Road, between Nagdevi Street and the Police Commissioner's Office suddenly collapsed at places and as it was dangerous to keep it in that state immediate steps had to be taken to renew it in anticipation of the sanction of the Standing Committee and the Corporation to the detailed plans and estimates. It is proposed to lay 33″ and 36″ Hume Pipe drains.

There are similar storm water drains in Bapty Road, Sleater Road, etc., and it is difficult to prepare a comprehensive scheme as it is not possible to correctly estimate the cost of their renewal. A careful survey is, however, being made by the Drainage staff, and prompt action is taken if a serious breakdown is noticed.

The work of renewing further portions of the existing old masonry storm water drains in Abdul Rehman Street and Nagdevi Street for which a provision of Rs. 75,000 was made in the budget for 1937-38 is being carried out departmentally.

There are a number of old subsidiary storm water drains which are not working satisfactorily. Almost all these drains were constructed many years ago and are covered over with dhapas, crooked in alignment and with flat gradients and they often get silted up. During the monsoon they create considerable nuisance. The cost of remodelling the drains according to present sanitary principles is roughly Rs. 9,00,000 and the Corporation have accorded their approval to the expenditure being spread over a number of years by making annual provisions in the Loan Works Budget.

There are about 1,200 old pattern water entrances with perforated stone covers over storm water drains. These water entrances have not been provided with 'pardi' arrangement for maintaining the water seal and also with mosquitoproof covers. A scheme costing Rs. 1,76,000 was therefore prepared for replacing the old pattern water entrances by those of modern type and the approval of the Corporation obtained to spread the cost over a number of years, by making annual budget provisions in the Loan Works Budget.

The question of minimising the mosquito nuisance in the north of the City, particularly Dadar-Matunga area was taken up and a scheme costing Rs. 25,780 for extension of the bed of the existing double-barrelled drain, construction of a sump and a pump-house and also the installation of a rotary pump at Dharavi has been approved by the Corporation. The funds for these works having been sanctioned in the budget for 1938-39 steps will be taken to carry out the works, on completion of which considerable improvement in the present situation is anticipated. The question of doing away with the mosquito nuisance in the entire City by keeping the storm water drains dry for 8 months in a year has also been looked into and proposals in that respect will be placed before the Corporation in due course.

A scheme costing Rs. 9,58,639 has been submitted for the remodelling of the existing sewerage facilities in Colaba. It consists principally of providing a 57″ relief sewer and one more ejector and an additional sealed sewage and air mains. The cost of the project being very large it is proposed to spread it over a number of years.

A scheme to reduce the surcharge of sewers in area served by the Clerk Road sewer has been submitted for the approval of the Corporation. It includes a pumping station at Jacob Circle and gravitation sewers along Arthur Road, Haines Road and across the storm water reservoir. The estimated cost of the scheme is about Rs. 7,00,000 when the works comprised in the scheme are carried out they will help to keep the storm water drains also dry during the fair season.

The expenditure incurred on giving drainage connections to the newly constructed private buildings from the Municipal sewers or the storm water drains, as the case may be, was being met from Revenue upto the end of 1936-37. As, however, the life of these connections is about 30 years, it was not considered desirable to burden the Revenue with this expenditure which should be a right charge against Loan Funds. Accordingly, with the approval of the Corporation it has been decided that since 1937-38 this expenditure be provided for out of Loan Fund instead of Revenue.

## B. MAINTENANCE.

### (1) Road Repairs and Maintenance.

174. (*a*) **Water-Bound Macadam Roads.**—The total area of water-bound macadam roads in the City at the beginning of the year was 1,81,779 square yards.

The area of such roads repaired and maintained during the year was 56,758 square yards and the expenditure incurred thereon amounted to Rs. 77,006.

The rate of repairing water-bound roads worked out to Rs. 15-1-9 per 100 square feet as against Rs. 16-9-0 per 100 sq. ft. of the last year.

(*b*) **Asphalt Roads.**—Water-bound roads comprising an area of 29,134 square yards were converted into bituminous roads either by semi-grounting or by surface-dressing. It is intended ultimately to convert all the existing water-bound roads into bituminous roads. The area still to be converted at the close of the year stands at 1,46,238 square yards.

Out of the total area of about 30,44,222 square yards of bituminous roads at the beginning of the year an area of about 2,46,166 square yards was repaired either by semi-grouting or surface-dressing and an area of about 1,40,677 square yards was patched. The total expenditure under this head amounted to Rs. 3,80,555.

The average rates of semi-grouting, surface-dressing with asphalt, and patching work out to Rs. 14-11-4, Rs. 5-9-2 and Rs. 12-14-5 per 100 square feet, respectively as against the rates of Rs. 13-15-10, Rs. 5-6-8 and Rs. 9-10-9 per 100 square feet during the last year.

(*c*) **Concrete Roads.**—No appreciable expenditure was incurred in maintaining these roads during the year.

(*d*) **Sett-stone Pavements.**—Further portions of the worn out sett-stone pavements of Frere Road and Reay Road comprising an area of about 5,190 square yards were reconditioned during the year at a cost of Rs. 14,354 by laying thereon a $1\frac{1}{2}''$ to $2''$ premix asphalt carpet. The results of the work done in previous years are not upto expectations, but it is proposed to continue the experimental work.

In all, 48 roads, treated with a permanent mode of construction, were repaired in parts comprising an area of 20,100 square yards at a total cost of Rs. 99,678.

(*e*) **Improvement of Katcha Footpaths.**—A provision of Rs. 15,000 was made for the improvement of katcha footpaths in the City. An area of about 15,203 square yards was accordingly either semi-grouted or surface-dressed at a cost of Rs. 14,683.

(*f*) **Restoration of Trenches.**—The following lengths of trenches were opened by the Public Utility Companies and various Municipal Departments :—

| | | R. Ft. |
|---|---|---|
| (1) | Water Department .. .. .. .. .. .. | 84,851 |
| (2) | Drainage Works .. .. .. .. .. .. | 19,473 |
| (3) | Bombay Gas Company .. .. .. .. .. | 20,858 |
| (4) | Bombay Telephone Company .. .. .. .. | 39,044 |
| (5) | B. E. S. & T. Company .. .. .. .. .. | 19,695 |
| (6) | Government Telegraph Department .. .. .. | 2,054 |
| (7) | Andhra Valley Power Supply Company .. .. .. | 16,413 |
| (8) | Miscellaneous agencies .. .. .. .. .. | 44,182 |
| | Total .. | 2,46,570 |

The trenches were restored at the cost of the departments and the utility companies at a total cost of Rs. 2,40,866.

The rates of restoring the trenches on asphalt roads for the last five years are as under :—

| | 1933-34. | 1934-35. | 1935-36. | 1936-37. | 1937-38. |
|---|---|---|---|---|---|
| | | | Rate per Square Yard. | | |
| 3″ asphalt with oil asphalt .. .. | Rs. 9 | Rs. 9 | Rs. 8 | Rs. 8 | Rs. 8. |

(*g*) **Road Watering.**—All water-bound roads comprising an area of 1,81,779 square yards were watered twice a day and the expenditure incurred thereon amounted to Rs. 18,693.

(*h*) **Roadside Trees.**—450 trees of various species were planted on various Municipal as well as Ex-Trust roads in the City during the year. Of these, 212 were planted to form new avenues at a cost of Rs. 1,487 and the rest in place of those that were either damaged or perished.

As usual, pruning was resorted to wherever the branches interfered with the overhead wires or encroached upon private properties. A systematic pruning of the overgrown trees was also carried out in each Ward to produce symmetry and balance. During the year another collapsible hand tower waggon has been constructed in addition to the one already constructed in the previous year. These waggons will greatly help in the systematic pruning of trees.

There are two small roadside gardens maintained by this Department, one at Gibbs Road and the other at the junction of Walkeshwar Road and Ridge Road. In the former ornamental trees and ferns are planted while flowering creepers and ferns are grown in the latter.

The existing trees on roads were satisfactorily maintained at a cost of Rs. 6,240.

(*i*) **Benches.**—An order has been placed for the supply of 28 new reinforced cement concrete benches at a cost of Rs. 980 for being placed along the Mahim Beach and also in a portion of Shivaji Park which is being laid out as a recreation ground. It has, however, been suggested that concrete benches get hot in the sun and thus become uncomfortable for sitting. The above benches will therefore be kept under observation and further proposals for the purchase of concrete benches will be considered from the actual experience gained.

The existing benches at various places were repaired, wherever necessary, at a cost of Rs. 185.

(*j*) **Road Rollers.**—The total number of road rollers at the end of the year was 32. During the year two light-weight petrol rollers of $2\frac{1}{2}$ tons were purchased and put into commission. 2 of the ex-Trust rollers were scrapped as they were found to have run out their useful life. Out of the above 32 rollers 5 were used on the roads treated with asphalt carpet and 27 on other roads. On an average 24 rollers were in service every day. The total expenditure on the maintenance of the rollers during the year amounted to Rs. 62,883.

(*k*) **Motor Traction.**—The mileage done by 15 4-ton lorries used in the Works Branch for the transport of materials was 2,20,686 miles. During the year 5 Chevrolet $1\frac{1}{2}$ ton lorries were purchased and brought into commission, thus bringing the total of these 1 to $1\frac{1}{2}$ ton lorries to 8. These lorries had travelled 43,561 miles by the end of the year. The rate charged to various departments for 4-ton lorries was annas six per mile and for 1 to $1\frac{1}{2}$ ton lorries, annas five per mile.

A flat rate of Rs. 3 per brass was charged for transporting metal from the Municipal Crushers to any part of the City. A rate of Rs. 1-4-0 per brass was charged for transporting rubble to Love Grove Crushers and a rate of Rs. 0-14-6 per ton was charged to the Storekeeper for transporting, loading, unloading and stacking cement.

The total expenditure on the working of all the lorries amounted to Rs. 87,200 and the receipts amounted to Rs. 85,903 from the Works Branch and Rs. 20,977 from other departments.

(*l*) **Works done on behalf of other Departments and Private Parties.**—

(1) 35 works were carried out for other departments at a total cost of Rs. 13,781.

(2) 183 works were carried out for various private parties at a total cost of Rs. 46,851.

(*m*) **Permits, etc.**—In all 2,929 permits were issued for the following purposes :—

| | | No. of Permit Issued. |
|---|---|---|
| (1) | For temporary erection of mandaps .. .. .. | 140 |
| (2) | For placing chairs and benches .. .. .. .. | 482 |
| (3) | For erection of scaffolding and stacking building materials | 1,921 |
| (4) | For 'Holi' Festival (free) .. .. .. .. | 96 |
| (5) | For 'Mohurrum' Festival (free) .. .. .. | 290 |
| | Total .. | 2,929 |

(*n*) **Street widening consequent upon set-backs.**—The cost incurred in adding to the roads set-back lands acquired in the different parts of the City, amounted to Rs. 19,253 inclusive of the cost of incidental works such as shifting tram poles, electric cables, gas or electric lamps, etc. The total area added was 2,597 square yards.

Hitherto funds for adding set-backs to roads were being provided in Revenue Budget. In view of the growing expenditure under this head in recent years owing to large additions o set-backs to roads, many of which are constructed with a permanent mode of construction, it was considered desirable that expenditure incurred on the addition of set-backs to roads should be debited to Loan Funds. Accordingly it has been decided that the expenditure on the addition of set-backs to roads should be met from Loan Funds from 1938-39.

(*o*) **Roads Declared Public and taken over from other Bodies.**—The following roads which were declared public under Section 306 of the Municipal Act after taking action under Sections 305 and 377 (1-A) were taken over for maintenance :—

| | Name of the Road. | Length in R. ft. |
|---|---|---|
| 1. | New Mangalwadi Lane between Cadell Road and Scottish Orphanage Lane .. .. .. .. .. .. | 215 |
| 2. | Bhangadwadi off Vithalbhai Patel Road .. .. .. | 130 |
| 3. | Private Street off Cadell Road leading to Mahim Seashore | 380 |
| 4. | Pimpalwadi Cross Lane .. .. .. .. .. | 140 |
| | Total .. | 865 |

In addition to the above streets, 39 more streets which were considered as private streets hitherto, have been declared public, without resort to statutory action. This was done in accordance with the decision to declare public those streets in which drains and sewers were laid prior to 1888 and whose dates of construction were not known although drains and sewers were laid. The details of these roads are given in the statement marked I.

Other roads and footpaths taken over for maintenance are mentioned below :—

| | Name of the Road. | From whom taken. | Length in R. ft. |
|---|---|---|---|
| | (*a*) ROADS. | | |
| 1. | Jamshedji Tata Road .. .. .. .. | Government. | 550 |
| 2. | Churchgate Street Extension .. .. .. | „ | 1,400 |
| 3. | 50′ Road in the Back Bay Reclamation Scheme | „ | 660 |
| 4. | Dinsha Wachha Road .. .. .. .. | „ | 370 |
| 5. | 40′ Road in Government land at Parel Road .. | „ | 265 |
| 6. | 40′ Road off Chowpatty Sea Face .. | ..H. H. The Maharaja of Morvi. | 430 |
| | Total .. | | 3,675 |
| | (*b*) FOOTPATHS. | | |
| 1. | Churchgate Street Extension .. .. .. | Government. | 110 |
| 2. | 40′ Road off Chowpatty Sea Face .. | ..H. H. The Maharaja of Morvi. | 860 |
| | Total .. | | 970 |

(*p*) **Unauthorised use of Roads for Stacking Building Materials by House-owners.**—Action under Section 322(*c*) of the Municipal Act was taken to prevent unauthorized occupation of roads with building materials. 617 notices were served for contravening the provisions of this Section.

Fees were recovered for the use of roads for stacking building materials and putting up scaffolding. The total receipts under this head amounted to Rs. 64,484.

(*q*) **Recovery of Ground Rent on account of occupation of Roads and Footpaths.**—Ground rents recovered on account of temporary lettings of roadside lands and parts of footpaths for the erection of petrol tanks, pumps and other miscellaneous occupations amounted to Rs. 23,338. This amount is exclusive of the rent for tramway tracks and wayleave in respect of telephone wires, which amounted to Rs. 66,901 and Rs. 67,048 respectively.

During the year, permission was granted to Mr. K. G. Kermani for providing an additional petrol tank at DeLisle Road where a petrol pump is already in existence.

(*r*) **Materials Purchased for Road Maintenance Works**.—Particulars of the materials purchased for road maintenance works during the year are shown in the statement marked J.

(*s*) **Tramways.**—No additions were made to the total length of tracks during the year.

The total length of double tracks in the City is 26.70 miles and that of single tracks 2.27 miles.

In accordance with the Corporation Resolution No. 4313 of 7th October 1915 the following information regarding the rolling stock has been obtained from the B. E. S. & T. Co., Ltd. for the year under report :—

| | | |
|---|---|---|
| No. of cars running in the City classified according to different types with total carrying capacity of each. | 63 | double deck bogies each seating 96 passengers. |
| | 2 | double deck bogies each seating 92 passengers. |
| | 1 | double deck bogie seating 86 passengers. |
| | 8 | double deck bogies seating 94 passengers. |
| | 1 | bogie seating 56 passengers. |
| | 11 | bogies seating 60 passengers. |
| | 19 | bogie trains each seating 94 passengers. |
| | 4 | bogie trains each seating 98 passengers. |
| | 47 | single truck trains each seating 70 passengers. |
| | 91 | single truck trains each seating 78 passengers. |
| | 1 | single truck train seating 74 passengers. |
| | 1 | single truck train seating 54 passengers. |
| | 3 | single truck trains each seating 62 passengers. |
| Total .. | 252 | |

No additions were made to tram shelters by the B. E. S. & T. Co., Ltd., but three passenger islands were laid out at the following places :—

(1) Opposite Victoria Gardens, East carriageway.

(2) Opposite Sussex Road Tramway shelter.

(3) Parel Road, near Kalachowki, East carriageway.

(*t*) **Street name Boards.**—During the year 71 galvanized tubular poles with brackets and 142 galvanized suspending clips were made at the Municipal Workshops at a cost of Rs.1,066 for suspending some of the street name plates which have already been purchased in the year 1935-36. An order for additional 54 street name plates has been placed. These are required for being placed on new roads taken over from Government and also on other roads which have been either renamed or newly named.

(*u*) **Cleansing and Repairing Port Trust Wharves and Roads.**—As usual, the amounts of Rs. 1,60,550 and Rs. 43,680 which are payable to the Bombay Port Trust on account of maintenance and lighting of the wharves and roads inclusive of the area in the Cotton Green were adjusted as rebate in the general tax payable by the Trust for the year under report.

(*v*) **Repairs to Ex-Trust Roads.**—The expenditure booked during the year under report on the maintenance of roads in different Improvement Trust Schemes taken over in 1933 amounted to Rs. 24,337.

The expenditure booked during the year for the maintenance of the existing roadside trees on Trust roads amounted to Rs. 5,224.

(*w*) **Refuge Islands.**—During the year only two pedestrian crossings were constructed at different places at a total cost of Rs. 224.

(*x*) **Traffic Islands.**—The Corporation under their Resolution No. 259 of 24th July 1936 accepted the principle of providing traffic islands in the City at Municipal cost. Traffic islands were accordingly laid out temporarily at various junctions. As however funds were not provided in the budget for the construction of traffic islands and as there were complaints and criticism from the public about the unsightly appearance of the traffic islands laid out by means of drums as a temporary measure, a reference was made to the Corporation and special funds to the extent of Rs. 10,500 were made available for permanently constructing the traffic islands at the following junctions. The works are in progress and will be completed shortly :—

(1) Esplanade Road, opposite Army & Navy Stores.

(2) Esplanade Road, opposite Queen's Statue.

(3) Gowalia Tank Road, near Nana's Chowk.

(4) Byculla Bridge.

(*y*) **Pedestrian Guard Railings.**—As the pedestrian guard railings provided in front of the Marine Lines Station and at the junction of Queen's Road and Princess Street for the convenience of the pedestrians were a success, it is the intention to provide similar railings at important junctions in the City.

(*z*) **Renewals of the Floorings of the Footways of certain Overbridges.**—During the year under report, it was observed that the condition of the flooring of the footways of the following overbridges, for the maintenance of which the Muncipality is liable, was not satisfactory. It was decided to substitute cement concrete for the existing trough flooring at a cost of Rs. 12,255 and the work has been entrusted to the G. I. P. Railway :—

(1) Victoria Gardens Overbridge.

(2) Currey Road Overbridge.

(3) Arthur Road Overbridge.

(4) Carroll Road (Elphinstone) Overbridge.

(*aa*) **Repairs to the Queen's Statue at Esplanade Road.**—The statue of Her Majesty the late Queen Victoria at Esplanade Road, has not been in a satisfactory condition and it is necessary to thoroughly overhaul it. The statue is a rare specimen of sculptural skill and owing to the intricate and very delicate nature of the work, it was considered desirable that the necessary repairs should be entrusted to an expert sculptor. With that end in view, wide publicity was given to the work by advertising in important newspapers of Lahore, Calcutta and Madras, in addition to local newspapers. Private negotiations have also been carried on with some of the eminent local sculptors and the results will shortly be communicated to the Corporation.

The statue was made by Mr. M. Noble in 1869 and renovated by Mr. T. K. Gajjar in 1898.

## QUARRIES IN THE TRUST SCHEMES.

175. No fresh quarrying was done in the quarry in Scheme No. 52. The materials lying at the quarry were supplied to the public and the Municipal Crushers at rates sanctioned from time to time.

The expenditure incurred on account of watching and issuing the materials, etc., from these quarries amounted to Rs. 796. The value of materials on hand at the close of the year as per sanctioned rates amounted to Rs. 2,81,624 for the Worli Quarry in Scheme No. 52.

About 1,212 c.ft. of rubble cupchies lying at Scheme No. 52 were broken in to $2\frac{1}{4}''$ road metal, under a contract at the rate of Rs. 3-6-0 per 100 c.ft. The sale price for the $2\frac{1}{4}''$ metal thus broken was fixed at Rs. 6-4-0 per 100 c.ft. exclusive of tansport and loading charges.

Quarrying operations at the Hill at Wadala in Scheme No. 57 were re-started. A contract was awarded for quarrying rubble stone from the quarry hauling it to the Municipal Crushers at Sewri and stacking it in measurable depots at the rate of Rs. 4-14-0 per 100 c. ft. So also the right of quarrying a portion of the Bhoiwada Hill on the north of Jerbai Wadia Road near Turner Sanatorium was auctioned in December 1937 and the highest bid of Rs. 8-1-0 per brass of solid stone was accepted.

## CRUSHERS.

176. The stone crushers at Sewri and Love Grove were working economically during the year. The rubble required for Sewri Crusher was obtained from the Trust quarry at Wadala, Scheme No. 57, at the rate of Rs. 4-14-0 per 100 c. ft. plus a royalty of Rs. 2-8-0 per brass. For this purpose a regular contract was arranged for quarrying rubble from the Trust quarry at Wadala and removing and stacking it in depots at Sewri Crushers. The rubble required for Love Grove Crusher was obtained from the Trust dump at Worli at the rate of Rs. 5 per 100 c. ft.

The contract for the supply of labour to Sewri Crushers for the year under report was held by Mr. D. K. Vijan, the rate being Rs. 2-2-0 per 100 c. ft., as against the previous year's rate of Rs. 2-1-0 per 100 c. ft. The rate was inclusive of the supply of necessary labour for feeding the crushers, screening materials, forming depots and loading into lorries. Experience has shown that this method of obtaining necessary labour by an annual contract is not only satisfactory but also much economical.

The Love Grove Crushers continued to work departmentally during the year under report, as before.

During the year, one Parker type 20″ × 12″ stone crusher equipped with a Kubit Breaker was purchased from Messrs. Heatly & Gresham at a cost of Rs. 20,291 and was installed at Sewri. This type of plant was selected owing to its capacity for producing cubical chips, and judging from the quality of the metal produced, the plant is found to fulfil the original expectations.

The following statement shows the income and expenditure pertaining to the two Crushers :—

| Particulars. | Income. | Expenditure. | Profit. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| 1. Sewri Crushers .. .. | 62,503 | 53,128 | 9,375 |
| 2. Love Grove Crushers .. | 57,293 | 56,826 | 467 |

The quantities of metal, grit, etc., crushed at the two crushers during the year under report are as follows :—

| Kind of Metal. | Sewri Crushers. | Love Grove Crushers. | Total. |
|---|---|---|---|
| | C. ft. | C. ft. | C. ft. |
| 1½″ metal .. .. .. | .... | 1,67,450 | 1,67,450 |
| 1″ metal .. .. .. .. | .... | 1,11,021 | 1,11,021 |
| ½″ chips .. .. .. .. | 2,56,250 | 1,05,600 | 3,61,850 |
| Grit .. .. .. .. | 56,625 | 44,750 | 1,01,375 |
| Grit with dust .. .. .. | 39,325 | 89,825 | 1,29,150 |
| Dust .. .. .. .. | 9,400 | 31,650 | 41,050 |
| Fine grit .. .. .. | 9,950 | .... | 9,950 |
| Crusher run .. .. .. | 52,700 | .... | 52,700 |

The rates for the supply of different materials during the last five years are given in the following statement :—

| Kind of material. | 1933-34 per 100 C. ft. | 1934-35 per 100 C. ft. | 1935-36 per 100 C. ft. | 1936-37 per 100 C. ft. | 1937-38 per 100 C. ft. |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1½″ metal .. .. | 11 0 0 | 10 0 0 | 10 0 0 | 10 0 0 | 10 0 0 |
| 1″ metal .. .. | 14 0 0 | 12 0 0 | 12 0 0 | 12 0 0 | 12 0 0 |
| ½″ chips .. .. | 17 0 0 | 16 0 0 | 16 0 0 | 16 0 0 | 16 0 0 |
| Grit .. .. .. | 20 0 0 | 19 0 0 | 19 0 0 | 19 0 0 | 19 0 0 |
| Grit and dust .. | 12 8 0 | 11 8 0 | 11 8 0 | 11 8 0 | 11 8 0 |
| Dust .. .. .. | 5 0 0 | Free. | Free. | Free. | Free. |
| Fine grit .. .. | .. | .. | .. | .. | 11 8 0 |
| Crusher run .. .. | .. | .. | .. | .. | 12 12 0 |

The rates are for the supply ex-Crushers and therefore do not include charges for transport and loading, etc.

## ASPHALT PLANT.

177. During the year under report the Municipal Asphalt Plant was closed for 118 days from the 19th June 1937 to 14th October 1937 on account of the monsoon and for one day on account of intermittent rain. Out of the remaining 246 days, only 201 were working days, the rest being non-working days on account of Sundays and holidays.

The average area laid per day with different methods is as follows :—

| Method. | Length in miles. | Area in sq. yds. | No. of days. | Average area per day. |
|---|---|---|---|---|
| (1) 3″ sheet asphalt .. | 0.629 | 11,382 | 24 | 474.25 |
| (2) 2½″ mixed macadam with ½″ seal coat .. | .... | 640 | 2 | 320.00 |
| (3) 3″ plant-mixed asphaltic concrete .. | .... | 285 | 2 | 142.50 |
| (4) Maintenance work (repairs) .. .. | .... | 20,100 | 103 | 195.14 |
| (5) Trench work .. .. | .... | 4,559.68 | 70 | 65.14 |
| Total .. | .... | 36,966.68 | 201 | .... |

The following tests were carried out during the year at the Asphalt Plant Laboratory :—

| | Nature of tests. | No. of tests. |
|---|---|---|
| (1) | Extractions .. .. .. .. .. .. .. | 254 |
| (2) | Platform sand tests .. .. .. .. .. | 860 |
| (3) | Testing sand from depots .. .. .. .. .. | 225 |
| (4) | Testing materials from depots .. .. .. .. | 195 |
| (5) | Tests of platform metal and sand .. .. .. | 185 |
| (6) | Void tests .. .. .. .. .. .. .. | 89 |
| (7) | Specific gravity tests .. .. .. .. .. | 425 |
| (8) | Preparing samples of various road mixtures .. .. | 42 |
| (9) | Penetration and other tests .. .. .. .. | 430 |

The total expenditure incurred on the working of Asphalt Plant amounted to Rs. 1,73,265. The value of the materials on hand at the close of the year was Rs. 80,839. The net expenditure therefore works out to Rs. 92,426.

The present plant having finished its useful life, it was considered economical to replace it by a new one rather than waste money on unproductive repairs. Accordingly an order for the supply of a new plant, similar to the existing " Iroquois " type, equipped with a boiler, has been placed with Messrs. Heatly & Gresham, Ltd., at a cost of Rs. 65,222. The question of installing the plant in close proximity of the Crushers, with a view to saving transport charges for the removal of metal from the Crushers to the plant, is engaging my attention. Two new stone crushers for Love Grove are proposed to be purchased shortly and both the new asphalt plant and the stone crushers would be erected simultaneously somewhere, at Worli in Scheme No. 52.

Complaints were often received that sheet asphalt roads were very slippery especially in the monsoon and the question as to how to make them non-slippery and skid-proof has been under consideration for some time. A short length of Lamington Road between Falkland Road and Bellasis Road was treated with precoated asphalt chipping. So also the surface of the Marine Drive was also treated with a grit coat carpet. As the results are encouraging it is the intention to adopt this method of laying precoated asphalt chips on the sheet asphalt surface at the time of construction.

## REPAIRS AND ALTERATIONS TO DRAINS AND SEWERS.

178. 193 repairs and alterations to drains and sewers were carried out departmentally. 147 manhole frames and covers, 696 gratings of water gullies and 9 ventshafts were renewed. In addition to this some additional manholes were constructed and the existing water entrances shifted for facility of cleaning operations. The total expenditure booked up to the end of the year on these works amounted to Rs. 11,885.

**Cleaning of (a) Pipe Sewers, (b) Ovoid Sewers, (c) S. W. Drains, (d) Water Courses, (e) Catchpits, (f) Water Entrances, (g) Biological installation at Banganga, (h) Street connections, (i) Testing and keeping in order Ventshafts, etc.**

179. (*a*) **Pipe Sewers.**—The length of pipe sewers from 9″ and upwards in diameter was increased during the year by 2.67 miles thus bringing the total mileage of sewers to 145.80 miles. During the year under report it was found necessary to clean 108.18 miles of these sewers by passing discs, ropes and cleaning rods through them and the total amount of silt removed therefrom amounted to 2,617 tons which was sent to Deonar in specially built wagons. 1917 chokes were removed from these sewers.

(*b*) **Ovoid Sewers.**—The total mileage of the main ovoid sewers in the City was 17.18 miles at the close of the previous year. 15.15 miles of these sewers were cleaned by passing scrapers and the silt removed amounted to 1,785 tons which was sent to Deonar along with that removed from the pipe sewers.

(*c*) **Catchpits.**—There were 32 catchpits on pipe sewers and 9 on ovoid sewers at the close of the previous year. Due, however, to the diversion of the sewers in the Ballard Pier Scheme, the old sewer there together with the catchpit became redundant. During the year under report, therefore, there were 31 catchpits on pipe sewers and 9 on ovoid sewers. They were frequently cleaned during the year and the silt removed therefrom amounted to 2,421 tons which was also sent to Deonar, as usual.

(*d*) **Storm water Drains.**—The length of the s. w. drains of varying sizes was increased by about a mile thus bringing the total length of storm water drains to 197 miles. 22.46 miles of these drains were cleaned during the year and the silt removed therefrom amounted to 14,500 tons.

(*e*) **Water Courses.**—Water courses at the following places were kept in order and cleaned wherever necessary.

Kharwa Wadi, Winter Road, Arthur Road, Nepean Sea Road, Carroll Road, Narayan Dabholkar Road, Tulsi Pipe Line Road, Little Gibbs Road, Bomanji Petit Road, etc.

(*f*) **Water entrances.**—There were 12,870 water entrances in the City at the close of the previous year. During the year under report 78 new water entrances have been constructed. The total number of water entrances in the City comes to 12,948, out of which

5,416 are provided with closable types of frames and gratings, 2,819 with gratings and concrete covers and 4,713 with gratings and tin plates. They were cleaned and kept in working order and opened and closed before and after the monsoon.

It may be added that during the year several cases of thefts of gratings over water entrances were detected and about 500 gratings had to be replaced for this reason at a cost of about Rs. 3,000.

(*g*) **Biological installation at Banganga.**—The installation was kept in working order during the year. The septic tank and contact beds were cleaned. The expenditure incurred in this connection amounted to Rs. 1,453.

(*h*) **Street Connections.**—51,293 street connections were cleaned during the year.

(*i*) **Ventshafts.**—There were 737 ventshafts attached to the pipe sewers, main sewers and storm water drains in the City at the close of the previous year. During the year under report 27 new ventshafts were erected. The total number of ventshafts is thus 764 which were maintained and kept in working order.

## CLEANING, MAINTAINING AND UPKEEP OF OPEN MAIN DRAINS AND LOW LEVEL CHANNELS.

180. (*a*) The cleaning of the open main drains and low level channels was carried out departmentally during the year at a total cost of Rs. 4,883 and the silt removed therefrom amounted to 3,821 tons. 10,067 c. ft. of top scum was sold as manure at the rate of Rs. 2-8-0 per brass and the amount realised was Rs. 251. An amount of Rs. 2,690 was realised by the sale of the rights of drawing water from the water courses and low level channels and for the use of their banks. The sale of the rights of cultivation and cutting grass on the banks of the channels realised Rs. 3,048.

(*b*) The open main drains and low level channels were maintained satisfactorily at a total cost of Rs. 3,633.

## DEPARTMENTAL AND PRIVATE WORKS.

181. Minor departmental and private works amounting to Rs. 29,358 were carried out at the cost of various departments and private parties.

## STRENGTHENING THE RELIEVING ARCHES OVER THE OLD S. W. DRAIN IN FALKLAND ROAD.

182. A length of 100 R. ft. of the arch of the drain was strengthened by providing relieving arches thereunder at a cost of Rs. 2,973.

## BREAKDOWNS IN SEWERS AND DRAINS.

183. Extraordinary repairs to the old sewers and drains at the following places had to be carried out and the total expenditure thereon amounted to Rs. 5,193.

Abdul Rehman Street (between Carnac Road and Janjikar Street), Northbrook Street, Vithalbhai Patel Road, Sandhurst Bridge and French Bridge, Bapty Road, Carnac Road, Kazi Syed Street, Bhendi Bazar, Erskine Road, Bhoiwar Lane, Worli Sea Face Road, Khetwadi Back Road, Charni Road, Nicdawari Lane and Tardeo Road.

## SLUICES.

184. 14 sluices on s. w. outfalls and 24 fair weather connections were operated and maintained at a total cost of Rs. 720.

## UNDERGROUND FLUSHING TANKS.

185. There were 414 underground flushing chambers to flush pipe sewers and they were repaired and kept in working order at a cost of Rs. 312.

## NEW WORKS.

186. (*a*) **Petty Drainage works.**—During the year under report 14 drainage works were carried out departmentally meeting the expenditure from the grant of Rs. 15,000 provided

in the budget for the purpose. The total expenditure amounted to Rs. 14,199. One of the above works relates to the diversion of the s. w. flow from the channel to the ovoid sewer in Lakhamsi Nappoo Road which arrangement is expected to do away with the present mosquito nuisance in the Dadar-Matunga locality. The cost of the work amounted to Rs. 3,594.

(*b*) **Completion of House Drainage connections in different parts of the City.**—The street portions of house drainage connections from new buildings in the City were carried out during the year and 264 sullage connections were made which served 275 premises all of which are drained on the water carriage system. 237 storm water drain connections were made for discharging both storm water and effluent from the septic tanks in unsewered areas. The total expenditure on making street connections amounted to Rs. 47,655. The grant for these works has been transferred to the Loan Works Budget with effect from the year under report.

(*c*) **Permanent Manholes over S.W. Drains.**—During the year 32 manholes were constructed on the storm water drains at a total cost of Rs. 2,955.

(*d*) **Shifting the existing Hydrants at Queen's Road.**—The existing hydrants on the west side of Queen's Road were shifted to the east side at the cost of the Works Branch, as the shifting was considered necessary in the interest of public safety. The expenditure amounted to Rs. 2,190.

(*e*) **Construction of two new sheds.**—During the year provision was made for the construction of two new sheds for storing drainage implements and stores, one at Babula Tank Road and the other at Mint Road. The shed at Mint Road has been constructed and the one at Babula Tank Road is still under construction. It is, however, expected to complete the work before the advent of the monsoon of 1938-39. The expenditure has not been adjusted.

(*f*) **Construction of an R. C. C. Staircase at Mahaluxmi Station Bridge.**—A provision of Rs. 570 was made in the budget for 1937-38 for the construction of an R.C.C. staircase at Mahaluxmi for the facility of the public visiting the Mahaluxmi Station. The site originally selected for the location of the staircase was not found suitable and another site in the vicinity of the Station has been chosen. As the proposal involves additional expenditure, and as the land is in charge of the B. B. & C. I. Railway, the work had to be postponed pending negotiations with the Railway for the land. In the meantime a provision of Rs. 1,500 has been made in the budget for 1938-39 and it is expected that the work would be carried out in the year.

(*g*) **Ventshafts over S. W. Drains.**—It has been decided to provide ventilating shafts over S.W. drains for their effectual ventilation. As the cost of providing ventshafts over all the s.w. drains in the City would be heavy, it was proposed to spread it over a number of years and to make a beginning a sum of Rs. 5,000 was provided in the year under report. This amount has been utilised for providing 12 ventshafts at various places.

## PLANT AND MACHINERY.

187. The details showing the plant and machinery purchased during the year under report for the Works Branch are given in the statement marked 'K.'

## DESIGN OFFICE WORK.

188. 478 estimates of road works and 440 for drainage and sewerage works were prepared in the Design Office. The total amount of these estimates amounted to Rs. 1,18,58,142.

The estimates for road works include estimates for parks and open spaces, improvement of private streets filling in low lying lands, Capital roads and roads financed out of development scheme funds. Out of the total number of estimates, 22 were for providing playgrounds and parks, and they amounted to Rs. 2,94,433, 9 amounting to Rs. 2,47,567 were for filling and 34 estimates amounting to Rs. 1,04,782 were for the improvement of private streets, for which action was proposed to be taken under Section 305 and 377 (1-A) of the Municipal Act.

About 970 tracings of road and drainage works were prepared and in all 3,600 blue prints were taken out as against 475 tracings and 2,100 blue prints prepared during the previous year.

Details of different important schemes for which plans and estimates were prepared during the year are given in the statement marked 'L.'

## STREET LIGHTING.

189. The increase in the total number of lamps of the 3 kinds used in the lighting of streets was 305 during the year. The following statements give the details of the gas and electrical lamps in use :—

### (A) Gas Lamps.

(*i*) Low Pressure Gas Lamps.

| Type of Lantern. | 1-lt. | 2-lt. | 3-lt. | 4-lt. | 5-lt. | 6-lt. | 8-lt. | 10-lt. | 12-lt. | 18-lt. | 24-lt. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexagonal .. .. | .. | 3,363 | 498 | 249 | .. | .. | .. | .. | .. | .. | 1 | 4,111 |
| Bombay .. .. | .. | 741 | .. | 95 | .. | .. | .. | .. | .. | .. | .. | 836 |
| Littleton .. | 146 | 733 | 347 | 427 | 384 | .. | .. | .. | .. | .. | .. | 2,037 |
| Rochester .. | .. | .. | (*a*) 85 | .. | (*b*) 23 | (*c*) 300 | (*d*) 64 | 19 | (*e*) 2 | 20 | .. | 513 |
| London .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | 8 |
| | | | | | | | | | | | Total. | 7,505 |

(*a*) 6-lt. lamps burning with 3 mantles only.
(*b*) 17 6-lt. and 6 10-lt. lamps burning with 5 mantles only.
(*c*) 4 12-lt. lamps burning with 6 mantles only.
(*d*) 17 10-lt. and 47 12-lt. lamps burning with 8 mantles only.
(*e*) 2 18-lt. lamps burning with 12 mantles only.

(*ii*) High Pressure Gas Lamps.

| Type of Lantern. | 300 C.P. | 500 C.P. | 1,000 C.P. | 1,500 C.P. | 3,000 C.P. | Total. |
|---|---|---|---|---|---|---|
| Keith .. .. .. | 2 | 13 | 27 | 52 | 3 | 97 |
| Suggs. .. .. .. | 8 | .. | .. | .. | .. | 8 |
| | | | | | Total | 105 |

Grand total of (*i*) and (*ii*) 7,505 + 105 = 7,610.

### (B) Electric Lamps.

| Type of Lantern. | 40 Watt. | 75 Watt. | 100 Watt. | 150 Watt. | 200 Watt. | 300 Watt. | 500 Watt. | 1,000 Watt. | 1,500 Watt. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| Holophane or Heydon-Harrison or Wembley or Wardle or City or Novalux lanterns .. .. .. | 14 | 181 | 84 | 35 | 452 | 836 | 16 | 8 | 1 | 1,627 |

The above statement of lamps includes (1) lamps maintained by the B. E. S. & T. Co. Ltd., near Victoria Terminus, (*ii*) lamps belonging to the ex-C. I. Trust and (*iii*) lamps maintained by the G. I. P. Railway and B. B. & C. I. Railway on behalf of the Bombay Municipality.

### (C) Incandescent Oil Lamps.

Total number of these lamps during the year under report was 211.

The lamps mentioned under (A), (B) and (C) above are maintained and looked after by the Bombay Gas Co. Ltd., the B. E. S. T. & Co., Ltd., and Messrs. Anderson Dawn & Co., respectively.

The total candle power of each kind of lighting was as follows :—

| Kind of lighting. | C. P. |
|---|---|
| Gas .. .. .. .. .. .. .. .. .. .. | 19,40,400 |
| Electric .. .. .. .. .. .. .. .. .. .. | 4,17,692 |
| Bannister (I. O. lamps) .. .. .. .. .. .. .. | 1,26,600 |

The total quantity of gas consumed during the year was 21,77,39,844 c. ft. as against 20,92,31,314 c. ft. in the previous year, the calorific value of the gas being 400 (Min.) B.T.U.

The aggregate load of the electric lamps was 391.325 K. Watt as against 363.045 K. Watt of the previous year, out of which the load of all-night lamps was 368.975 K. Watt against 341.645 K. Watt of the previous year.

The expenditure incurred for lighting and maintaining the lamps during the year under report was as follows :—

| | Rs. |
|---|---|
| Gas lamps .. .. .. .. .. .. .. .. | 6,61,311 |
| Electric lamps .. .. .. .. .. .. .. | 2,72,936 |
| Incandescent oil lamps .. .. .. .. .. .. | 32,593 |
| Kerosene oil lamps (please see general remarks below) .. | 214 |
| Total .. | 9,67,054 |

In addition to the above a sum of Rs. 91,793 was spent on the following items :—

| | | Rs. |
|---|---|---|
| (1) | For erection of new lamps .. .. .. .. | 30,011 |
| (2) | Repairs and renewals .. .. .. .. .. | 17,667 |
| (3) | Miscellaneous .. .. .. .. .. .. | 435 |
| (4) | Lighting of Bombay Port Trust wharves and roads (by way of rebate) .. .. .. .. .. .. | 43,680 |
| | Total .. | 91,793 |

A sum of Rs. 5,880 was also spent from the provision made in the Budget B for lighting roads in different Trust Schemes.

## GENERAL REMARKS.

The 20 kerosene oil lamps at Banganga were replaced by electric lamps the initial expenditure being met partly from Municipal funds and partly from the contribution made by the residents of the locality. This has doubtless resulted in considerable improvement of the lighting of the passages surrounding Banganga Tank. Activities regarding the improvement in the lighting of the junctions were continued. The lighting of Babulnath Road, Mayo Road and Colaba Causeway was much improved by providing double lamps on each span wire. This method has proved very efficient and gives a uniform illumination. Jerbai Wadia Road east of Bhoiwada Road and a portion of Sewri Cross Road, constructed by the ex-C. I. Trust and which were formerly provided with a few I. O. lamps, were lighted with electric lamps. Newly constructed roads in Shivaji Park area and certain other roads in the north of the City were lighted. The lamps provided on some roads in the Back Bay Reclamation area by Government were taken over. Improvement in lighting was also effected on certain roads by restoration of certain lamps to the original candle power which was temporarily reduced as a measure of economy. These activities to effect general improvement in the present standard of street lighting will be continued further in 1938-39 as the Corporation have allowed certain additional money for the purpose.

During the year ' spot lights ' were introduced at some of the important junctions. ' Spot lights ' are intended to adequately light the policeman posted for directing the traffic so as to make him visible from a distance.

In the year 1935 a few mercury vapour electric discharge lamps were installed at Arthur Road and Mahomedally Road, as an experimental measure, but after about 6 months they had to be removed, as the maintenance rates quoted by the contractors Messrs. the B.E.S. & T. Co., Ltd., were found to be very high. Both Mercury vapour and Sodium vapour electric discharge lamps are no doubt a novelty in India, although they are extensively used in the Western cities. These type of lamps are reported to be very efficient for their illumination especially on main roads and at junctions and the introduction thereof for street lighting is under consideration.

## STATEMENT A.

Statement showing road and footpath works executed by contract during the year 1937-38.

| No. | Name of work. | Name of Contractor and Standing Committee Resolution No. | Contract Amount. | Actual expenditure including Establishment upto 31st March 1938. | Cost of Asphalt including Establishment upto 31st March 1938. | Total expenditure upto 31st March 1938. | Date of Completion as per contract. | Actual date of completion. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | | | Rs. | Rs. | Rs. | Rs. | | | |
| 1 | Providing 6″ cement concrete foundation slabs along Fergusson Road from DeLisle Road Bridge to its junction with Love Grove Bridge. | Messrs. Poonja Champsi & Co. Standing Committee Resolution No. 555 of 26th August 1936. | 67,040 | 61,079 | 56,196 | 1,17,275 | Within six working months from 2-11-1936. | 9 -6-1937 | Work completed. Accounts are to be adjusted. |
| 2 | Filling in the ground at the north-east corner of the junction of Mahim Causeway and Mori Road. | Mr. S. S. Gangla. Standing Committee Resolution No. 157 of 5th May 1937. | 23,570 | 23,097 | .... | 23,097 | Within three working months from 19-5-1937. | 7–12–1937 | Work completed. Accounts adjusted. |
| 3 | Providing cement concrete slabs and sett stone pavement along Argyle Road between Musjid Bridge Road and Frere Road. | Messrs. Nagji Narsi & Bros. Standing Committee Resolution No. 764 of 13th October 1937. | 74,850 | 32,570 | .... | 32,570 | Within five working months from 8-11-1937. | .... | Incomplete. |
| 4 | Providing cement concrete foundation slabs along Gokhale Road (South) between Sayani Road and Bhawanishanker Road. | Mr. Balkrishna Panduji Bankar. Standing Committee Resolution No. 866 of 10th November 1937. | 31,107 | 14,792 | .... | 14,792 | Within 2½ working months from 13-12-1937. | .... | Do. |
| 5 | Widening Love Grove Bridge including other accessory works. | Messrs. Gannon Dunkerley & Co., Ltd. Standing Committee Resolution No. 231 of 24th May 1937. | 1,93,868 | .... | .... | .... | 14-10-1938. | .... | Do. |
| 6 | Extending southwards the existing seawall west of Love Grove Bridge and providing tidal balanced flap gates therein. | Messrs. Gannon Dunkerley & Co., Ltd. Standing Committee Resolution No. 231 of 24th May 1937. | 80,785 | .... | .... | .... | Within ten working months from 30-6-1937. | .... | Do. |
| | | | | | Carried forward .. | 1,87,734 | | | |

STATEMENT A—*Contd.*

| No. | Name of work. | Name of Contractor and Standing Committee Resolution No. | Contract Amount. | Actual expenditure including Establishment upto 31st March 1938. | Cost of Asphalt including Establishment upto 31st March 1938. | Total expenditure upto 31st March 1938. | Date of Completion as per contract. | Actual date of completion. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | | | Rs. | Rs. | Rs. | Rs. | | | |
| | | | | | Brought over .. | 1,87,734 | | | |
| 7 | Providing cement concrete carriageways and other allied works along Hornby Vellard. | Messrs. Rasulji Rajbhoy & Co. Standing Committee Resolution No. 1270 of 5th January 1938. | 88,948 | .... | .... | .... | Within seven working months from 24-2-1938. | .... | Incomplete. |
| 8 | Filling in with earth murum, etc., the low-lying ground between the existing concrete at Hornby Vellard and the Western India Turf Club Fencing. | Mr. Balkrishna Panduji Bankar. Standing Committee Resolution No. 1460 of 16th February 1938. | 6,183 | .... | .... | .... | Within two working months from 17-3-1938. | .... | Do. |
| 9 | Providing cement concrete slabs along Bellasis Bridge and its approaches, construction of retaining walls, filling in, etc. | Messrs. Tejoo Kaya & Co. Standing Committee Resolution No. 1227 of 22nd December 1937. | 1,18,919 | .... | .... | .... | Within twelve working months from 22-3-1938. | .... | Do. |
| | *New Footpaths.* | | | | | | | | |
| 10 | Paving with blue stones the footpaths in Hornby Ballard Road Scheme. | Messrs. M. Gulamalli & Co. Standing Committee Resolution No. 1457 of 16th February 1938. | 19,480 | .... | .... | .... | Within two working months from 25-3-1938. | .... | Do. |
| | | | | | Total .. | 1,87,734 | | | |

## STATEMENT—B.

Statement showing Drainage Works executed through contract during the year 1937-38.

| No. | Name of work. | Name of contractor and Standing Committee Resolution No. | Contract amount. | Actual expenditure including Establishment upto 31st March 1938. | Cost of asphalt including Establishment upto 31st March 1938. | Total expenditure upto 31st March 1938. | Date of completion as per contract. | Actual date of completion. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | | | Rs. | Rs. | Rs. | Rs. | | | |
| 1 | Construction of circular and dhapa storm water drains on portion of Haines Road between storm water channel and Love Grove Road. | Messrs. S. B. Joshi & Co. Standing Committee Resolution No. 581 of 2nd September 1936. | 14,607 | 16,343 | .... | 16,343 | Within 2½ working months from 2-11-1936. | 27 -2-1937 | Work completed. Accounts adjusted. |
| 2 | Providing underground storm water drains with accessories at Queen's Road between Churchgate Street and 1st Marine Street. | Mr. K. G. Kermani. Standing Committee Resolution No. 761 of 21st October 1936. | 13,730 | 15,510 | .... | 15,510 | Within 3 working months from 16-11-1936. | 26-12-1936 | Do. |
| 3 | Providing and laying 12″ stoneware pipe storm water drains with accessories in 40′ road around Shivaji Park. | Messrs. Nagji Narsi & Bros. Standing Committee Resolution No. 1360 of 3rd February 1937. | 23,851 | 22,450 | .... | 22,450 | Within 3 working months from 25-2-1937. | 10-5-1937 | Work completed. Accounts are to be adjusted. |
| 4 | Construction of a 30″ Hume Pipe Sewer with accessories along Bellasis Road between Ripon Road and Lamington Road. | Mr. R. A. Porbunderwala. Standing Committee Resolution No. 1471 of 24th February 1937. | 94,085 | 61,174 | .... | 61,174 | Within 12 working months from 15-4-1937. | .... | Incomplete. |
| | | | | | Total .. | Rs. 1,15,477 | | | |

## STATEMENT " C".

*Statement showing road, drainage and other works carried out departmentally during* 1937-38.

| Serial No. | Name of work. | Actual expenditure incurred. | Remarks. |
|---|---|---|---|
| | *Road Works.* | Rs. a. p. | |
| 1 | Filling in and providing kerbs along the eastern footpaths of Tulsi Pipe Line Road from 200′ north of Tilak Bridge to Lady Hardinge Road .. .. .. .. | 4,073 0 0 | Incomplete. |
| 2 | Constructing a portion of Tulsi Pipe Line Road 200′ northwards from Tilak Bridge . | 5,603 0 0 | do. |
| 3 | Construction of a 40′ road from King Edward Road to China Mills .. .. .. | 2,438 0 0 | Complete. |
| 4 | Laying out of the proposed 40′ road between 60′ and 50′ roads round Shivaji Park .. | 22,285 0 0 | do. |
| 5 | Construction of certain roads with necessary drainage arrangements round Shivaji Park. | 21,469 0 0 | Incomplete. |
| 6 | Construction of a 40′ road on the south side of the Parsi Central Association Co-operative Housing Society Ltd. at Mahim .. | Nil. | do. |
| 7 | Constructing the portion (half width) of roadway in front of Case No. M/625 and M/626 on the proposed 50′ road of Mahim Bazar Cross Road .. .. .. .. | 1,524 0 0 | Complete. |
| 8 | Construction of 50′ road (half width) in front of Case No. M/682 and M/693 (near Jairam Jugmal's property) .. .. .. .. | 8,746 0 0 | Incomplete. |
| 9 | Constructing a pucca retaining wall at the toe of Walkeshwar Road to support the embankment .. .. .. .. .. | 10,522 0 0 | do. |
| 10 | Excavating upto the subgrade in earth beyond the existing concrete road (eastwards) for a length of 1000′ northwards from the culvert at Hornby Vellard and filling in with surplus material the low lying ground. | 1,088 0 0 | do. |
| 11 | Widening a portion of 1st Marine Street between points A & B .. .. .. | 1,594 0 0 | do. |
| | Carried forward .. | 79,342 0 0 | |

| Serial No. | Name of work. | Actual expenditure incurred. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 79,342 0 0 | |
| 12 | Hornby Road to Ballard Pier Scheme. | | |
| | (1) Inclusion of setback land into Cawasji Patel Street including construction of footpath in front of plots Nos. 4 and 5 .. .. .. .. .. | 1,476 1 0 | Incomplete. |
| | (2) Inclusion of setback land into Cawasji Patel Street including construction of footpath in front of plots Nos. 36A and 38 .. .. .. .. .. | 1,173 8 0 | do. |
| | (3) Construction of passage with necessary underground drain etc. along the northern boundary of plots Nos. 38, 39 and 40 .. .. .. .. | 2,397 7 0 | do. |
| | (4) Diverting the existing storm water drain at Bomanji Lane along the northern and western boundaries of plot to be sold .. .. .. | Nil. | do. |
| | (5) Providing cement concrete roadway with necessary paved footpaths along the proposed Extension of Parsi Bazar Street between Pherozsha Mehta Road and Gunbow Street .. .. .. .. .. | 5,587 11 0 | do. |
| | (6) Providing 9″ pipe sewer and 12″ s.w. drain with necessary water entrances in the proposed extension of Parsi Bazar Street between Pherozsha Mehta Road and Gunbow Street .. | 2,005 6 0 | do. |
| | (7) Inclusion of setback land into Gunbow Street and Cawasji Patel Street including construction of footpaths in front of plot No. 37 .. .. | 1,194 7 0 | do. |
| | (8) Inclusion of setback land into Gunbow Street and Cawasji Patel Street including construction of footpaths in front of plot No. 42 .. .. | 1,575 13 0 | do. |
| | (9) Inclusion of setback land into Gunbow Street and Bohra Bazar Street including footpath along Gunbow Street in front of plot No. 52 .. .. | Nil. | do. |
| | (10) Construction of a portion of service passage including cost of lighting along the northern boundary of plot No. 41 .. .. .. .. .. | 272 14 0 | do. |
| | Carried forward .. | 95,025 3 0 | |

| Serial No. | Name of work. | Actual expenditure incurred. | | | Remarks. |
|---|---|---|---|---|---|
| | | Rs. | a. | p. | |
| | Brought over .. | 95,025 | 3 | 0 | |
| | (11) Providing cement concrete roadway with necessary paved footpaths along the proposed Extension of Parsi Bazar Street between Gunbow Street and Bomanji Lane .. .. .. | 1,009 | 8 | 0 | Incomplete. |
| | (12) Providing 9″ pipe sewer and 12″ s.w. drain with necessary water entrances in the proposed Extension of Parsi Bazar Street between Gunbow Street and Bomanji Lane .. .. .. | 1,040 | 2 | 0 | do. |
| | (13) Construction of a portion of service passage with necessary underground-drains, sewers, including cost of lighting along the southern boundary of plot No. 5A. .. .. .. | 721 | 6 | 0 | do. |
| | (14) Closing a portion of Mody Street for Plot No. 61 (diversion of two street connections) .. .. .. .. | 444 | 6 | 0 | do. |
| 13 | Laying out the area of Shivaji Park along Mahim Foreshore as a recreation ground .. | 8,771 | 0 | 0 | do. |
| 14 | Filling in, levelling and removing rank vegetation at Shivaji Park .. .. .. | 1,996 | 0 | 0 | Complete. |
| 15 | Constructing a portion of road at the junction of 40′ and 60′ roads at Shivaji Park .. | 1,776 | 0 | 0 | do. |
| 16 | Construction of $\frac{2}{3}$rd width of road O N M and O P Q R including s.w. drain and sewer connections .. .. .. .. .. | 491 | 0 | 0 | Incomplete. |
| 17 | Construction of $\frac{1}{2}$ width of road A-B, $B_2$-C, $C_2$-D, $D_2$-E. E-F and F-G .. .. .. | 9,680 | 0 | 0 | do. |
| 18 | Construction of the proposed 40′ road between Y Road north and 100′ Lady Jamshedji Road (near Naska Tank) .. .. .. | 8,908 | 0 | 0 | do. |
| 19 | Filling in the portion of the tank coming in the proposed roadway (abovementioned) . | 756 | 0 | 0 | Complete. |
| 20 | Construction of 20′ passage to the east of the land sold to St. Michael's Church at Lady Jamshedji Road (Mahim) .. .. .. | 3,312 | 0 | 0 | do. |
| 21 | Remodelling platforms Nos. 1, 2 and 3 at Mahaluxmi Siding .. .. .. .. | 26,134 | 0 | 0 | Incomplete. |
| 22 | Converting the open plot of land off 40′ road at Shivaji Park, Municipal Colony, into a recreation ground .. .. .. .. | 1,209 | 0 | 0 | do. |
| | Carried forward .. | 1,61,273 | 9 | 0 | |

| Serial No. | Name of work. | Actual expenditure incurred. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 1,61,273 9 0 | |
| 23 | Laying a 6″ pipe sewer in the 40′ road between Y road north and 100′ Lady Jamshedji Road (near Naska Tank) .. .. .. | 1,783 0 0 | Incomplete. |
| 24 | Providing barbed wire fencing at Wageshwari Temple and closing the gates .. .. | Nil. | do. |
| | Total of Road Works .. | 1,63,056 9 0 | |
| | *Drainage Works.* | | |
| 1 | Laying 9″ pipe sewer in Tulsi Pipe Line Road from the junction of Ranade Road towards north .. .. .. .. .. .. | 8,416 0 0 | do. |
| 2 | Laying s.w. drain in Tulsi Pipe Line Road from Tilak Bridge towards north (130′ length) .. .. .. .. .. | 1,547 0 0 | do. |
| 3 | Laying s.w. drain in the proposed 40′ road off Lady Jamshedji Road near Naska Tank .. | 3,057 0 0 | Complete. |
| | *Drainage Scheme for the north of the Island, subsidiary sewers.* | | |
| 4 | Providing 9″ pipe sewer along the Cross Road between Lady Jamshedji Road and Mori Road .. .. .. .. .. .. | 1,670 0 0 | do. |
| 5 | (1) Laying sewer W 4 .. .. .. | 9,459 1 0 | Incomplete |
| | (2) „ „ W 1 .. .. .. | 6,651 5 6 | do. |
| | (3) „ „ H 2 .. .. .. | 3,009 12 0 | do. |
| | (4) „ „ h 1 .. .. .. | 8,648 5 0 | do. |
| | (5) „ „ E 1 .. .. .. | 4,501 14 6 | Complete. |
| | (6) „ „ E 3 .. .. .. | 4,993 14 0 | do. |
| 6 | Extending the existing storm water drain in consequence of filling in the plots ABC at the junction of Mori Road and Mahim Causeway .. .. .. .. .. | 1,319 0 0 | do. |
| 7 | Extending the existing storm water drain to its full length at the junction of Mori Road and Mahim Causeway .. .. .. | 2,254 0 0 | do. |
| 8 | (1) Laying sewer X 1 .. .. .. | 149 10 0 | Incomplete. |
| | (2) „ „ $\frac{X\ 1}{1}$ .. .. .. | 3,849 1 0 | do. |
| | (3) „ „ X 2 .. .. .. | 1,859 10 0 | do. |
| | (4) „ „ $\frac{x\ 1}{1}$ .. .. .. | 2,076 13 0 | do. |
| | Carried forward .. | 63,462 6 0 | |

| Serial No. | Name of work. | Actual expenditure incurred. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 63,462 6 0 | |
| (5) | Laying sewer x 1 .. .. .. | 1,719 6 0 | Imcomplete. |
| (6) | ,, ,, 1/x 1 .. .. .. | 355 15 0 | do. |
| (7) | ,, ,, 2/x 2 .. .. .. | 2,561 12 0 | do. |
| (8) | ,, ,, x 2 .. .. .. | 1,360 1 0 | do. |
| (9) | ,, ,, 1/x 3 .. .. .. | Nil. | do. |
| (10) | ,, ,, x 3 .. .. .. | 1,090 8 0 | do. |
| (11) | ,, ,, 1/M 4 .. .. .. | 2,100 3 0 | do. |
| (12) | ,, ,, 1/M 4 .. .. .. | 3,023 4 0 | do. |
| (13) | ,, ,, 2/M 6 .. .. .. | 2,891 7 0 | do. |
| (14) | ,, ,, 2/M 6 .. .. .. | 2,379 6 0 | do. |
| (15) | ,, ,, 3/M 6 .. .. .. | 1,413 2 0 | do. |
| (16) | ,, ,, 1/m 4 .. .. .. | Nil. | do. |
| (17) | ,, ,, m 3 .. .. .. | 1,001 10 0 | do. |
| 9 | Laying sewer e 2 in the proposed 40′ road off Mahim Bazar Cross Road Extension .. | Nil. | do. |
| 10 | Providing S. W. drain with accessories along Queen's Road between Lohar Street and Thakurdwar Road .. .. .. .. | 12,264 0 0 | Complete. |
| 11 | Providing S. W. drains in the proposed Tulsi Pipe Line Road between Tilak Bridge and Lady Hardinge Road .. .. .. | 9,090 0 0 | Incomplete. |
| 12 | Laying 15″ pipe sewer connecting the existing 9″ pipe sewer at Worli Sea Face and discharging the same into the drainage channel .. .. .. .. .. | Nil. | do. |
| 13 | Remodelling the S. W. drain in portion A B of the road in connection with the work of widening 1st Marine Street .. .. | 4,008 0 0 | do. |
| | Carried forward .. | 1,08,721 0 0 | |

| Serial No. | Name of work. | Actual expenditure incurred. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 1,08,721 0 0 | |
| 14 | Constructing new type of water entrances in place of perforated stone water entrances at :— | | |
| | (1) Hormusji Street (single W.E.) .. .. | 276 10 0 | Complete. |
| | (2) Thomas Street (double W.E.) .. .. | 2,557 11 0 | do. |
| | (3) Nowroji Street (single W.E.) .. .. | 830 15 0 | do. |
| | (4) Pestonji Street ( do. ) .. .. | 501 8 0 | do. |
| | (5) Shroff Street ( do. ) .. .. | 201 13 0 | do. |
| | (6) Maneckji Street (double W.E.) .. | 266 3 0 | do. |
| 15 | Renewing portions of the existing old masonry drains in :— | | |
| | (1) Abdul Rehman Street between Nakhoda Street and Pydhowni Road .. .. | 10,129 0 0 | do. |
| | (2) Masjid Bunder Road between Abdul Rehman Street and Nagdevi Street . | 8,955 0 0 | do. |
| | (3) Renewing the remaining portion of the old masonry storm water drain in Abdul Rehman Street and Nagdevi Street .. .. .. .. .. | Nil. | Incomplete. |
| | Total of drainage works .. | 1,32,439 12 0 | |

## STATEMENT D.

*Statement showing the footpath works carried out departmentally during* 1937–38.

| Serial No. | Description. | Mode of construction. | Actual expenditure incurred. | Remarks. |
|---|---|---|---|---|
| | | | Rs. a. p. | |
| 1 | Paving footpath along Baroda Street (South) between Frere Road and Argyle Road .. .. | Blue stone pavement. | 2,865 0 0 | Complete. |
| 2 | Paving footpaths along Musjid Bridge Road (North) between Frere Road and Argyle Road | do. | 4,271 0 0 | do. |
| 3 | Paving footpath along Musjid Bridge (South) 200′ eastwards from Argyle Road .. .. | do. | 1,116 0 0 | do. |
| 4 | Paving footpath along Queen's Road (west side) between Plot No. 101 & Japanese Gymkhana. | Pre-cast cement concrete slabs. | 2,099 0 0 | Incomplete. |
| | | Total Rs. .. | 10,351 0 0 | |

## STATEMENT—E.

*Statement showing the area of roads treated with plant-mixed asphalt carpet.*

| Year. | New Roads. Area in sq. yds. | Other Works. | Total. |
|---|---|---|---|
| 1921–22 .. .. | 3,815.00 | .... | 3,815.00 |
| 1922–23 .. .. | 63,579.00 | .... | 63,579.00 |
| 1923–24 .. .. | 40,240.02 | .... | 40,240.02 |
| 1924–25 .. .. | 56,602.99 | .... | 56,602.99 |
| 1925–26 .. .. | 72,569.25 | 2,745.72 | 75,314.97 |
| 1926–27 .. .. | 70,189.05 | 8,113.32 | 78,302.37 |
| 1927–28 .. .. | 79,434.58 | 6,126.72 | 85,561.30 |
| 1928–29 .. .. | 93,592.42 | 2,615.67 | 96,208.09 |
| 1929–30 .. .. | 86,883.90 | 3,823.20 | 90,707.10 |
| 1930–31 .. .. | 32,128.30 | 11,843.09 | 43,971.39 |
| 1931–32 .. .. | 40,806.58 | 9,590.08 | 50,396.66 |
| 1932–33 .. .. | 24,423.59 | 9,888.31 | 34,311.90 |
| 1933–34 .. .. | 7,156.60 | 19,232.47 | 26,389.07 |
| 1934–35 .. .. | 31,429.26 | 15,192.49 | 46,621.75 |
| 1935–36 .. .. | 30,257.00 | 21,815.19 | 52,072.10 |
| 1936–37 .. .. | 46,115.87 | 20,980.96 | 67,096.83 |
| 1937–38 .. .. | 11,382.00 | 25,584.68 | 36,966.68 |
| | 790,605.41 | | |
| Area of roads taken over from ex-Improvement Trust .. .. .. | 348,600.15 | | |
| Total .. | 11,39,205.56 | | |

## STATEMENT—F.

*Statement showing the different types of asphalt surfaces.*

| Agency. | 3″ sheet asphalt. | | 2″ asphaltic concrete | | 2½″ mixed Macadam. | | 3″ cold mix. | | Total. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Miles. | Area in sq. yds. | Miles. | Area in sq. yds. | Miles. | Area in sq. yds. | Miles. | Area in sq. yds. | Miles. | Area in sq. yds. |
| Municipality .. | 29.323 | 608,550.97* | 2.799† | 68,180.53‡§ | 4.717 | 103,745.35 | 0.473 | 10,128.56 | 37.312 | 790,605.41 |
| Bombay Improvement Trust .. | 11.094 | 340,250.15 | 0.390 | 8,350.00 | .. | .. | .. | .. | 11.484 | 348,600.15 |
| Total .. | 40.417 | 948,801.12 | 3.189 | 76,530.53 | 4.717 | 103,745.35 | 0.473 | 10,128.56 | 48.796 | 11,39,205.56 |

* Includes 1,530.76 sq. yds. which were laid on 4″ black base.
† Includes 0.424 miles which were laid out of Bombay.
‡ Includes 5,975 sq. yds. which were laid on 4″ black base.
§ Includes 3,267 sq. yds. which were laid with 3″ Asphalt concrete with Shalimar tar.

## STATEMENT—G.

*Statement showing Drainage Works executed through contract on behalf of Government in the Back Bay Reclamation.*

| Serial No. | Name of work. | Name of contractor and Standing Committee Resolution No. | Contract Amount. | Expenditure booked upto 31st March 1938. | Date of completion as per contract. | Actual date of completion. | Remarks. |
|---|---|---|---|---|---|---|---|
| | | | Rs. | Rs. a. p. | | | |
| 1 | Construction of sewers and accessories along certain roads in the south-east portion of Block No. II of the Back Bay Reclamation. | Messrs. Tejoo Kaya & Co., Standing Committee Resolution Nos. 553 of 26th August 1936 and 1228 of 22nd December 1937. | 43,994<br>5,766<br>49,760 | 47,709 0 0 | Within 4½ working months from 2nd November 1936. | 30-4-1937. | Work completed. |
| 2 | Construction of sewers and accessories along 80′ & 40′ roads near the site leased to Cricket Club of India in Block No. II and along roads A, B, C, D and 60′ roads to the west of Churchgate Station in Block I, Back Bay Reclamation. | Messrs. Tejoo Kaya & Co., Standing Committee Resolution No. 1203 of 15th December 1936. | 99,396 | 87,315 0 0 | Within 6 working months from 11th January 1937. | 17-12-1937. | Do. |
| 3 | Construction of sewers and accessories in a portion of Marine Drive and the 100′ road situated to the north of Lloyd Recreation Ground in Block I, Back Bay Reclamation. | Messrs. Tejoo Kaya & Co., Standing Committee Resolution No. 1332 of 27th January 1937. | 15,570 | 13,971 0 0 | Within 2 working months from 15th March 1937. | 5-5-1937. | Do. |
| | | | Total Rs. . | 1,48,995 0 0 | | | |

## STATEMENT "H".

*Statement showing the works carried out during the year* 1937-38 *in different Trust Schemes.*

| Serial No. | Description. | Expenditure. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | *Scheme No.* 5. | | |
| 1 | Completing surface treatment of the eastern carriageway of Kingsway from King's Circle to Lady Jehangir Road .. .. | 6,320 0 0 | Complete. |
| 2 | Constructing 20′ passage in front of Plots Nos. 361A and 361B with drainage arrangements .. .. .. .. .. .. | 683 0 0 | do. |
| 3 | Trimming, levelling and providing galvanized wrought iron pipe fencing along the open plot between Plots Nos. 250 and 251 .. | 641 0 0 | do. |
| 4 | Construction of a garden (quadrant) east of Plot No. 602 .. .. .. .. .. | 554 0 0 | do. |
| 5 | Completing surface treatment of the eastern carriageway from the junction with Road No. 11 upto Plot No. 541 .. .. .. | 8,594 0 0 | Incomplete. |
| 6 | Completing surface treatment of the central reservation from Khodadad Circle to the northern boundary of Scheme 5 .. .. | 21,053 0 0 | do. |
| 7 | Completing surface treatment of Wadala Road from Lady Jehangir Road to Naigaum Road .. .. .. .. .. .. | 9,278 0 0 | Complete. |
| 8 | Shifting ventshaft from the passage in front of Plots Nos. 361A & 363B .. .. | 40 0 0 | do. |
| 9 | Completing the surface treatment of road No. 33 in front of Plots Nos. 477 and 489 .. .. .. .. .. .. | 1,995 0 0 | do. |
| 10 | Paving footpaths .. .. .. .. | 42,667 0 0 | do. |
| 11 | Construction of 20′ carriageway of the 30′ Road between Hormusji Adenwalla Road and College Road .. .. .. .. | 1,318 0 0 | |
| | Total .. | 93,143 0 0 | |
| | *Scheme No.* 6. | | |
| 1 | Constructing playground to the east of Plots Nos. 131-132 .. .. .. .. | 393 0 0 | Complete. |
| | Carried forward .. | 393 0 0 | |

| Serial No. | Description. | Expenditure. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 393 0 0 | |
| | *Scheme No.* 6—contd. | | |
| 2 | Lighting Road No. 1 between Sion Road and proposed 40′ Road .. .. .. .. | 655 0 0 | Complete. |
| 3 | Paving footpaths .. .. .. .. | 5,180 0 0 | do. |
| | Total .. | 6,228 0 0 | |
| | *Scheme No.* 29. | | |
| 1 | Laying a 6″ pipe sewer along with service passage for Plot No. 61 .. .. .. | 185 0 0 | Complete. |
| 2 | Concreting the service passage between Plots Nos. 129-133 & 134-138 .. .. .. | 2,233 0 0 | do. |
| 3 | Adding setback land along the frontage of Plot No. 61 at the junction of Chinch Bunder Road and Jail Road East .. | 1,817 0 0 | do. |
| 4 | Providing necessary drainage arrangements in Road No. 4 at its bifurcation at the junction of Jail Road East .. .. .. | 798 0 0 | do. |
| 5 | Constructing Road No. 4 at its bifurcation at the junction of Jail Road East .. .. | 3,034 0 0 | do. |
| 6 | Laying 6″ pipe sewer in the proposed 20′ passage along Plot No. 72 .. .. .. | 941 0 0 | do. |
| 7 | Providing 2-1 lt. Littleton lamps at the above passage .. .. .. .. .. | 192 0 0 | do. |
| 8 | Paving footpaths .. .. .. .. | 8,586 0 0 | do. |
| | Total .. | 17,786 0 0 | |
| | *Scheme No.* 31. | | |
| 1 | Completing surface treatment of the central reservation along the tram tracks from Poibavdi to Naigaum Cross Road .. .. | 997 0 0 | Complete. |
| 2 | Completing surface treatment of the eastern Avenue of King's way from Convent to Naigaum Cross Road .. .. .. | 2,202 0 0 | do. |
| 3 | Laying 30″ Hume Pipe S. W. drain along proposed extension of Hospital Avenue .. | 2,413 0 0 | do. |
| 4 | Construction of proposed extension of Hospital Avenue (Road work) .. .. .. | 18,256 0 0 | Incomplete. |
| | Carried forward .. | 23,868 0 0 | |

| Serial No. | Description. | Expenditure. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 23,868 0 0 | |
| | *Scheme No.* 31—contd. | | |
| 5 | Completing surface treatment of the central reservation along tram tracks from Naigaum Cross Road to Poibavdi .. .. | 7,530 0 0 | Incomplete. |
| 6 | Laying 18″ Hume pipe S.W. drain in the proposed 50′ Hospital Avenue Extension . | 3,786 0 0 | do. |
| 7 | Lighting of Hospital Avenue Extension between King Edward Road and Jerbai Wadia Road .. .. .. .. .. | 1,268 0 0 | Complete. |
| 8 | Paving footpaths .. .. .. .. | 4,615 0 0 | do. |
| 9 | Extending the existing open drain from Haffkine Institute to the proposed new drain along Hospital Avenue Extension .. | 226 0 0 | Incomplete. |
| | Total .. | 41,293 0 0 | |
| | *Scheme No.* 37. | | |
| 1 | Levelling Plot No. 68 .. .. .. .. | 331 0 0 | Complete. |
| 2 | Concreting service passage on the east of Plots 68, 69 & 70 .. .. .. .. .. | 824 0 0 | Incomplete. |
| 3 | Concreting 20′ passage known as Bibijan Street between Memonwada Road and Dhobi Street .. .. .. .. .. | 3,081 0 0 | Complete. |
| 4 | Concreting the service passage in the east of Plot No. 61 .. .. .. .. .. | 870 0 0 | do. |
| 5 | Laying 6″ pipe sewer in the above passage .. | 209 0 0 | do. |
| 6 | Laying 9″ stoneware pipes drain in the above passage .. .. .. .. .. | 282 0 0 | do. |
| 7 | Shifting a water gully at the junction of Pydhowni Road and Memonwada Road .. | 271 0 0 | do. |
| 8 | Adding setback land at Memonwada Road in front of Plot No. 50 .. .. .. .. | 286 0 0 | do. |
| 9 | Removing debris from Plot No. 43 .. .. | 203 0 0 | do. |
| 10 | Adding setback land to the road at Nagdevi Cross Lane in front of Plot No. 71.. .. | 264 0 0 | do. |
| 11 | Providing a water entrance at Nagdevi Cross Lane in front of Plot No. 71 .. .. | 116 0 0 | do. |
| 12 | Adding setback land to Bibijan Street in front of Plot No. 60 .. .. .. .. | 263 0 0 | do. |
| | Carried forward .. | 7,000 0 0 | |

| Serial No. | Description. | Expenditure. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 7,000 0 0 | |
| | *Scheme No.* 37—contd. | | |
| 13 | Providing a water entrance at Bibijan Street in front of Plot No. 60 .. .. .. | 137 0 0 | Complete. |
| 14 | Adding setback land at Dhobi Street in front of Plot No. 67 .. .. .. .. | 323 0 0 | do. |
| 15 | Do. at Masjid Bunder Road at Dhobi Street Plot Nos. 62-63 .. .. .. | 1,875 0 0 | do. |
| 16 | Shifting a double water entrance at the above setback .. .. .. .. .. | 143 0 0 | Incomplete. |
| 17 | Adding setback land at Memonwada Cross Lane Plot No. 56B .. .. .. .. | 675 0 0 | Complete. |
| 18 | Providing a single water entrance in the above setback .. .. .. .. .. | 167 0 0 | do. |
| 19 | Adding setback land at Narayen Dhuru Street and Nakhoda Street in front of Plot Nos. 44 to 47 .. .. .. .. .. | 4,377 0 0 | do. |
| 20 | Shifting a double water entrance in front of Plot Nos. 44 to 47 .. .. .. .. | 100 0 0 | Incomplete. |
| 21 | Adding setback land at Bibijan Street in front of Plot No. 68 .. .. .. .. | 252 0 0 | Complete. |
| 22 | Do. and adding setback land at the junction of Masjid Bunder Road and Dhobi Street .. .. .. .. .. .. | 271 0 0 | do. |
| 23 | Paving of footpaths .. .. .. .. | 16,132 0 0 | do. |
| | Total .. | 31,452 0 0 | |
| | *Scheme No.* 47. | | |
| 1 | Adding to the road the setback land at Chamber Lane .. .. .. .. | 449 0 0 | Complete. |
| | *Scheme No.* 50. | | |
| 1 | Paving of footpaths .. .. .. .. | 1,975 0 0 | Complete. |

| Serial No. | Description. | Expenditure. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | *Scheme No.* 52. | | |
| 1 | Breaking by hand into the metal No. 3 of rubble lying at Worli .. .. .. | 3,540 0 0 | Complete. |
| 2 | Filling in hollows .. .. .. .. | 300 0 0 | do. |
| 3 | Filling in hollows .. .. .. .. | 197 0 0 | do. |
| 4 | Pitching sea wall .. .. .. .. | 1,197 0 0 | do. |
| 5 | Providing cement concrete slabs along with 9″ pipe sewer and S.W. drainage arrangement with accessories in Sea Face Road opp. Plot Nos. 95-96 .. .. .. | 13,704 0 0 | Incomplete. |
| 6 | Paving of footpaths .. .. .. .. | 5,602 0 0 | Complete. |
| | Total .. | 24,540 0 0 | |
| | *Scheme No.* 53. | | |
| 1 | Paving of footpaths .. .. .. .. | 803 0 0 | Complete. |
| | *Scheme No.* 56. | | |
| 1 | Filling in the hollows at Dharavi .. .. | 182 0 0 | Complete. |
| | *Scheme No.* 57. | | |
| 1 | Providing 75 watt Electric lamps at the road leading to Bhoiwada Cemetery .. .. | 1,305 0 0 | Complete. |
| | *Scheme No.* 58. | | |
| 1 | Paving of footpaths .. .. .. .. | 663 0 0 | Complete. |
| | *Scheme No.* 60. | | |
| 1 | Laying a 6″ stoneware pipe in the road No. 8A .. .. .. .. .. | 471 0 0 | Complete. |
| 2 | Erecting 4-75 watt electric lamps at Roads Nos. 8 & 8A .. .. .. .. .. | 728 0 0 | do. |
| 3 | Providing 15-2000 watt, 2-100 and 11-75 watt lamps at the above road east of Bhoiwada Road and Sewri Station Road .. .. | 6,440 0 0 | do. |
| | Carried forward .. | 7,639 0 0 | |

| Serial No. | Description. | Expenditure. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| | Brought over .. | 7,639 0 0 | |
| | *Scheme No.* 60—contd. | | |
| 4 | Providing 6″ cement concrete foundation slabs along with sewers and S.W. drains with accessories in Jerbai Wadia Road with 50′ Hospital Avenue Extension .. | 188 0 0 | Incomplete. |
| 5 | Providing cement concrete slabs along with sewers and S.W. drains with accessories in the proposed 40′ road joining Road No. 9 to Govindji Kini Road (portion of Naigaum Scheme 60) .. .. .. | 44 0 0 | do. |
| 6 | Paving of footpaths .. .. .. .. | 2,956 0 0 | Complete. |
| | Total .. | 10,827 0 0 | |
| | *Scheme No.* 61. | | |
| 1 | Filling in hollows at Fergusson Road .. | 93 0 0 | Incomplete. |
| | *Scheme No.* 66. | | |
| 1 | Completing the surface treatment of the foot-path at Body Guard Lane .. .. .. | 1,437 0 0 | Complete. |
| 2 | Do. of the road in front of Mahaluxmi Flats .. .. .. .. .. .. | 2,928 0 0 | do. |
| | Total .. | 4,365 0 0 | |

## STATEMENT I.

*Statement showing the names of streets declared public without resort to statutory action.*

| Serial No. | Name of the street. | Remarks. |
|---|---|---|
| 1 | Apollo Street Cross Lane .. .. .. .. | From Apollo Street to Bakehouse Lane. |
| 2 | Bakehouse Cross Lane .. .. .. .. | From Bakehouse Lane eastwards to a house. |
| 3 | Bank Cross Lane .. .. .. .. .. | From Bank Street westwards to a house. |
| 4 | Beef Lane .. .. .. .. .. .. | From Parsi Bazar Street to a house. |
| 5 | British Hotel Lane .. .. .. .. .. | From Apollo Street to a gate. |
| 6 | Dwarkadas Cross Lane.. .. .. .. .. | From Dwarkadas Street to a house. |
| 7 | Maruti Street Cross Lane .. .. .. .. | From Maruti Street to a house. |
| 8 | Pitha Street Cross Lane .. .. .. .. | From Pitha Street to a house. |
| 9 | Pinjari Street .. .. .. .. .. .. | From Sarang Street to Carnac Road. |
| 10 | Bhajipala Cross Lane .. .. .. .. .. | A blind Lane from Bhajipala Street Southwards. |
| 11 | Bibijan Street .. .. .. .. .. .. | From Dhobi Street to Memonwada Road. |
| 12 | Old Hanuman 1st Cross Lane .. .. .. | A blind lane from Old Hanuman Lane. |
| 13 | Old Hanuman 2nd Cross Lane .. .. .. | A blind lane from Old Hanuman Lane. |
| 14 | Jamboolwadi .. .. .. .. .. .. | East of Kalbadevi, a blind lane from Kalbadevi Road. |
| 15 | Lane off Dr. Viegas Street towards South .. .. | Opposite the Church of Our Lady of Health. |
| 16 | Bhangwadi or 2nd Kolbhat Lane .. .. .. | A blind lane from Kalbadevi Road. |
| 17 | Owalwadi .. .. .. .. .. .. | A blind lane from Vithalwadi. |
| 18 | Cavel Lane .. .. .. .. .. .. | From Dadyseth Agiary Street to Cavel Street and Kalbadevi Road. |
| 19 | Bhaskar Lane .. .. .. .. .. .. | A blind Lane from Cathedral Street. |
| 20 | Maruti Lane or Ful Gully .. .. .. .. | A blind lane from Bhuleshwar Street. |
| 21 | Malharraowadi .. .. .. .. .. .. | A blind lane from Dadyseth Agiary Street. |
| 22 | 2nd Khatarali .. .. .. .. .. .. | A blind lane from Thakurdwar Road. |
| 23 | Satta Bazar Gully .. .. .. .. .. | A blind lane from Shaikh Memon Street. |
| 24 | Old Post Office Lane .. .. .. .. .. | Off Kalbadevi Road upto its bend in the lane. |
| 25 | Lane between Carnac Road and Sarang Street .. | .... |
| 26 | Vithalwady Cross Lane .. .. .. .. | .... |
| 27 | Telwady (Whole) .. .. .. .. .. | .... |
| 28 | Forjett Street Cross Lane .. .. .. .. | A blind lane from Forjett Street. |
| 29 | Falkland Road 4th Cross Lane .. .. .. | Between Falkland Road and Khetwady Back Road. |
| 30 | Jail Road South Cross Lane .. .. .. .. | Between Jail Road South and Dongri Street. |
| 31 | Ladiwady .. .. .. .. .. .. | A blind lane south of Old Hanuman Lane. |
| 32 | Charni Lane .. .. .. .. .. .. | Between Lohar Street and Chandanwady. |
| 33 | Tak Wady .. .. .. .. .. .. | A blind lane off Kalbadevi Road near its junction with Picket Road. |
| 34 | Dhuswady .. .. .. .. .. .. | Off Girgaum Road Thakurdwar. |
| 35 | Mahadeo Shankarseth Lane .. .. .. .. | Between Sonapur Lane and Dadi Suntoke Lane Bori-ki-chawl. |
| 36 | Lane off Cow Lane .. .. .. .. .. | A blind Lane. |
| 37 | Bhatwadi 1st Lane .. .. .. .. .. | A blind lane off Girgaum Road. |
| 38 | Bhatwadi 2nd Lane .. .. .. .. .. | A blind lane off Girgaum Road. |
| 39 | Parel Road Cross Lane .. .. .. .. | Between Parel Road and Chambar Lane. |

## STATEMENT J.

Statement showing materials purchased during the year 1937-38.

| Name of material. | Quantity. | Rate. | Per. | Amount. | Name of supplier. | Remarks |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | T. C. qrs. lbs. | Rs. a. p. | | Rs. | | |
| Hot asphalt of 80/100 penetration .. .. | 1,052 19 0 15 | 87 8 0 | Ton. | 92,133 | The Texas Co. (India) Ltd. | The name was changed to Caltex (India) Ltd. |
| Hot asphalt of 30/40 penetration .. .. | 916 12 1 16 | 88 0 0 | Ton. | 80,663 | The Standard-Vacuum Oil Co. | |
| Cold Bitumen Emulsion .. .. .. | 129 19 1 9 | 102 0 0 | Ton. | 13,257 | The Burmah-Shell Oil Storage and Distributing Co. of India, Ltd. | |
| Gas Coke .. .. .. .. .. | 1,209 14 0 0 | 23 0 0 | Ton. | 27,133 | The Bombay Gas Co. Ltd. | |
| 2½" road metal .. .. .. .. .. | 6,08,473 c. ft. | 8 14 0 | 100 c. ft. | 54,002 | Mr. Enus Kondaji. | |
| Coarse sand .. .. .. .. .. | 3,63,594 c. ft. | 11 13 0 | Brass. | 44,253 | Messrs. Nagji Narsi and Bros. | |
| Lime, fresh, Andheri .. .. .. .. | 3,394 c. ft. | 28+ 3% | 100 c. ft. | 979 | Messrs. Shivlal & Chimanlal. | |
| Lime mortar .. .. .. .. .. | 3,111 c. ft. | 30 „ | 100 c. ft. | 961 | | |
| Shahabad stone 2½" to 3" .. .. .. | 57,898 s. ft. | 25 „ | 100 s. ft. | 14,909 | | |
| Kerb stones .. .. .. .. .. | 8728'-6" r. ft. | 65 „ | 100 r. ft. | 5,844 | | |
| Water tables .. .. .. .. .. | 14,758 Nos. | 40 „ | 100 Nos. | 6,080 | | |
| Blue stone for paving .. .. .. .. | 73,308 Nos. | 35 „ | 100 Nos. | 26,428 | | |
| Sett stone for paving and other materials .. | 1,39,701 Nos. | 11 „ | 100 Nos. | 15,828 | | |
| Red Hill Earth .. .. .. .. .. | 7,358 c. ft. | 12 „ | 100 c. ft. | 909 | | |
| Sea sand .. .. .. .. .. | 1,352 c. ft. | 8 „ | 100 c. ft. | 111 | | |
| Bamboo, Rafters, etc. .. .. .. .. | .... | .... | .... | 21,002 | | |
| Additional kerbstones .. .. .. .. | 3,412 r. ft. | 65 0 0 | 100 r. ft. | 2,218 | Mr. Nenshi Monji. | |
| | | | Total Rs. .. | 4,06,710 | | |

## STATEMENT K.

Statement showing the plant and machinery purchased during the year under report.

| Serial No. | Particulars. | From whom purchased. | Cost. Rs. | Remarks. |
|---|---|---|---|---|
| 1 | Purchase of one motor lorry for the transport of road materials .. | Messrs. Leyland Motors, Ltd. .. .. .. .. | 15,450 | Order placed. Lorries still to be received. |
| 2 | Purchase of two low-loading motor-lorries for drainage works .. | Messrs. Leyland Motors, Ltd. .. .. .. .. | 27,563 | Do. do. |
| 3 | Purchase of two stone crushers at Love Grove .. .. .. | Messrs. Marshall Sons & Co. (India), Ltd. .. .. | 17,430 | Order placed. Crushers to be received. |
| 4 | Purchase of Asphalt Plant and a boiler .. .. .. .. | Messrs. Heatly & Gresham .. .. .. .. .. | 68,222 | Order placed. Plant to be received. |
| 5 | Purchase of two new rollers for Asphalt Plant .. .. .. | Tenders rejected .. .. .. .. .. .. | .... | .... |
| 6 | Purchase of one collapsible hand-tower waggon .. .. .. | Departmental .. .. .. .. .. .. | 580 | .... |
| 7 | Purchase of one 4–5 ton Diesel lorry for transport of road materials. | Messrs. Leyland Motors, Ltd. .. .. .. .. | 15,450 | Order placed. Plant to be received. |
| 8 | Purchase of 4 one-to-two ton lorries .. .. .. .. | The Bombay Garage .. .. .. .. .. | 10,495 | .... |
| 9 | Purchase of two light-weight rollers of about 2—4 tons weight .. | Messrs. Greaves Cotton & Co. .. .. .. .. | 9,700 | .... |
| 10 | Purchase of a set of air compressor pavement breaker, rammer, &c., with hose and spares. | The Consolidated Pneumatic Tool Co. .. .. .. | 10,804 | .... |
| 11 | Purchase of three bitumen boilers (one of 500 gallons capacity and two of 320 gallons capacity). | Messrs. Richardson & Cruddas. Two of 320 gallons capacity.<br>Messrs. Guest, Keen Williams, Ltd. One of 500 gallons capacity. | Rs. 10,690 + Rs. 114 | .... |
| 12 | Purchase of two concrete mixers .. .. .. .. .. | Messrs. Millar's Timber & Trading Co.<br>One hand-operated mixer from Messrs. William Jacks & Co. | 3,240<br>2,350<br>3,750<br>385 | ....<br>....<br>....<br>.... |
| 13 | Purchase of one Dust Extraction Plant .. .. .. .. | Messrs. Marshall Sons & Co. (India), Ltd. .. .. | 8,574 | Recommended for acceptance. |

## STATEMENT L.

*Statement showing important engineering schemes and projects for which estimates were prepared by the Design Section during* 1937-38.

| Serial No. | Particulars. | Estimated cost. | Remarks. |
|---|---|---|---|
| | *Road Works.* | Rs. | |
| 1 | Widening of the bottle-neck at Sion .. .. .. .. | 2,00,619 | |
| 2 | Widening Bandra Causeway and the South approach to Bandra Causeway .. .. .. .. .. .. | 50,100 | |
| 3 | Road across the drainage channel at Globe Mill Passage .. | 23,416 | |
| 4 | Widening of the Chowpatty Seaface .. .. .. .. | 60,000 | |
| 5 | Construction of a sea-wall and footpath on the seaside of Walkeshwar Road .. .. .. .. .. .. | 86,149 | |
| | *Drainage Works.* | | |
| 1 | Remodelling the existing sewerage facilities in Colaba .. | 9,58,639 | |
| 2 | Sewerage of Sewri-Wadala—City Improvement Trust Schemes 6, 57 and 59 .. .. .. .. .. | 3,77,900 | |
| 3 | Scheme to reduce the surcharge of sewers in areas served by Clerk Road sewer .. .. .. .. .. | 7,22,000 | |
| 4 | Scheme to keep storm water drains dry during 8 months of the year .. .. .. .. .. .. .. | 47,780 | |
| 5 | Diversion of the open main drain at Haines Road from Cleveland Bunder, Worli, to Love Grove and filling of the drain between Haines Road and Globe Mill Passage .. | 7,31,898 | |
| 6 | Scheme to reduce the flooding that occurs on roads during the monsoon. Poibawdi and Sankli Street areas .. | 1,22,944 | |
| 7 | Providing a new sewer which will pick up the existing sewers in Scheme No. 57, near Sewri Station which have no outlet .. .. .. .. .. .. .. .. | 42,240 | |

## VI. REMOVAL OF REFUSE TO DEONAR.

190. Removal of kutchra to Deonar continued as usual during the year. Two trains each consisting of an average of 33 wagons were taken to Deonar every day. Haulage from Mahalaxmi katchra siding was done as usual by the B. B. & C. I. Railway Co. and the G. I. P. Railway at the contract rate of Rs. 100 for 25 wagons or less and at Rs. 2-6-0 per wagon over 25 wagons.

The total number of wagons carried to Deonar during the year under report was 24,293 as against 22,921 in 1936-37, taking on an average 12 tons per wagon, the quantity of refuse removed to Deonar comes to about 2,91,516 tons against 2,75,052 tons of the last year. The total cost of removal and disposal was Rs. 2,50,000 against Rs. 2,41,552 of the last year. This cost includes haulage from Mahalaxmi, unloading and spreading at Deonar. The rate of removal of refuse thus worked out to Re. 0-13-3 per ton as against Re. 0-14-0 during the last year.

Engine detention charges at Rs. 5 per hour per trip had to be paid to Railway throughout the year and on sixteen occasions Rs. 10 per trip when the length of the temporary siding was too long for shunting operations to be carried out within the specified period of 90 minutes per trip. These charges are included in the total cost of haulage given above.

### Rolling stock and permanent way.

191. The total strength of the Municipal wagons was 191 as detailed below :—

| | |
|---|---|
| 147 | Kutchra wagons (old). |
| 10 | do. (newly purchased from the B. B. & C. I. Railway). |
| 19 | Silt wagons. |
| 9 | Carcass wagons. |
| 6 | Brakes. |
| 191 | |

Ten new wagons were purchased at the cost of Rs. 27,400 during the year. The cost of repairs and maintenance of the old wagons and the sidings at Mahalaxmi amounted to Rs. 37,184-11-0 against Rs. 35,611-13-0 for the last year.

As some of the wagons are getting older the cost of their repairs is on an increase. It is therefore proposed to replace the old wagons within the period of next five years and since last two years a provision of Rs. 27,400 is being made in the budget for the purchase of new wagons.

There is a great necessity for renewing some of the wooden sleepers which have become unserviceable. Steps are being taken to remove them year by year by making a suitable budget provision. A thousand teakwood half round sleepers were purchased this year at a cost of Rs. 4,202-8-0.

**Reclamation work.**

192. Additional land about 5 acres in area was reclaimed during the year under report. The kutchra was also dumped over the land already filled in as it had subsided owing to fire and rain. The total area so far reclaimed stands at approximately 310 acres, out of the total area of 823 acres acquired for the purpose in 1899. The reclaimed land given for cultivation admeasures 230 acres. This is exclusive of the lands leased to Messrs. Anderson Burjor & Company (formerly known as Anderson Dawn & Co.) and the Military authorities. In addition to the above area, about 113 acres of land acquired in 1928 for locating a slaughter house has also been given for cultivation as the question of transfer of the slaughter house from Bandra to Deonar is yet under consideration.

**Income.**

193. The total income realised from the reclaimed and acquired land amounted to Rs. 34,838-13-0 against Rs. 30,433-0-0 of the last year as per details given below :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| (*i*) | Right of cultivating the reclaimed land .. .. | 4,700 | 0 | 0 |
| (*ii*) | Right of cultivating the land acquired for slaughter house. | | | |
| (*iii*) | Right of fishing in the Khajans .. .. .. .. | 1,300 | 0 | 0 |
| (*iv*) | Rental of 4,630 sq. yards of land leased to Messrs. Anderson Burjor & Co. (formerly Anderson Dawn & Co.) for Bone Factory .. .. .. .. | 190 | 11 | 0 |
| (*v*) | Charges recovered from different agencies as rent for the use of Municipal Railway line at Deonar at the rate of Rs. 2 per wagon .. .. .. .. | 867 | 0 | 0 |
| (*vi*) | Annual rent from the Military authorities for trolley line .. .. .. .. .. .. .. | 132 | 0 | 0 |
| (*vii*) | Right of skinning of dead animals .. .. .. | 27,521 | 0 | 0 |
| (*viii*) | Rent recovered from Anderson Burjor & Co. for the encroachment of Municipal land .. .. .. | 128 | 2 | 0 |
| | Total .. | 34,838 | 13 | 0 |

The income particularly in respect of the first three items has fallen short of that received during the last six or seven years chiefly owing to the low offers received for cultivation. The crop grown does not now thrive so well as it used to do some years back due probably to the deterioration of the reclaimed land. The fall in the prices of vegetables during the past few years is also partly responsible for the decline in the income.

**Labour staff at Deonar for unloading.**

194. The following staff was maintained for unloading work at Deonar at a total cost of Rs. 66,600 :—

*Permanent Staff.*

176 Bigaries.
35 Women.
10 Water-carriers.
3 Mukadams.

*Temporary Staff.*

30 Bigaries.
6 Women.

The labour charges therefore per ton come to Re. 0-3-9 against Re. 0-4-0 per ton of the last year.

**Amenities provided at the Labour Camp.**

195. The dispensary provided for the benefit of the workmen was maintained throughout the year. There were 2,064 patients treated at the dispensary. There were 31 deaths during the year of which 27 were children, and 38 births were registered of which 14 were males and 24 were females. A Depressed Class Mission is conducting a vernacular school in the camp for which purpose 4 rooms are reserved free of rent. The average number of attendance in the school was 101.5 in the population of 600. There is a Co-operative Credit Society known as "Chembur Kacherapatty Co-operative Society" which was started for the benefit of the labour staff some years ago, but its activities are at a stand-still owing to the loss sustained by the Society in previous years.

**Accidents and Fires.**

196. There were no accidents on the Railway Line during the year. The filled kutchra on the reclaimed land caught fire at many places and trains had to be shifted from one siding to another. No serious damage was however caused to the permanent way or rolling stock. A fire broke out in loaded wagons on three occasions but was immediately extinguished.

## VII. SEWERAGE SCHEME FOR THE NORTHERN PART OF THE CITY.

197. The progress of the different works in connection with the sewerage scheme for the northern part of the City is briefly given below :—

**(1) Main gravitation sewers.**

(*a*) The construction of the last 40 ft. length of the sewer starting from the junction of Ranade Road and Tulsi Pipe Line and connecting to the Dadar Pumping Station near the Purification Works was entrusted to Mr. K. J. Mhatre who had also taken up the work of constructing the sump well and pump house. A great deal of trouble was experienced in laying this length owing to enormous quantity of subsoil water. The work is nearing completion.

(*b*) The work on the second sewer which starts from the junction of Elphinstone and Sayani Roads and meets the Dadar pumping station was continued during the year under report and excepting for a small length of 77 ft. of pipe line the remaining length of 3,055 ft. has been laid.

(*c*) The third sewer is being laid along Tulsi Pipe Line from its junction with Mori Road to the Mahim pumping station near Ruby Mills. The pipe line laid during the financial year admeasures 2,298 ft. out of the total length of 4195 ft. laid so far. It is anticipated that the remaining length of 2770 ft. will be completed by the end of December 1938.

**(2) Rising Mains.**

(*a*) The work of laying 24″ rising main from Matunga pumping station to Dadar Purification Works was completed in 1936 and sewage continued to be pumped through it during the last two years.

(*b*) The remaining length of 18″ rising main from Mahim pumping station was laid in the year under report. Connection to the pumping station will be made after the pumps are installed.

(*c*) The short length of rising main from the pumping station near Purification Works has also been laid and connection to Purification Works will shortly be made.

**(3) Pumping stations.**

(*a*) The pumping station at Matunga continued to work satisfactorily during the whole year. It is proposed to provide a new pump of 6 m. g. d. capacity at this station for pumping the sewage from the areas of Wadala, parts of Sewri and Sion and Gowari. One of the smaller pumps will be removed and utilised at the proposed pumping station at Wadala.

(*b*) The Mahim pumping station near the Ruby Mills was completed during the year and the work of fitting in the machinery of pumps and motors will shortly be taken in hand.

(c) The third pumping station near the Purification Works was completed and machinery erected therein. The pumps will start working after the transformer house is completed and houses connected to the sewers already laid.

### (4) Purification Works.

The work on the extension of the Purification plant was completed during the year under report. The underground R. C. C. work was completed well before the monsoon and the work above ground level by December 1937. The work of fitting up of the machinery was then taken in hand and completed by March 1938. The new plant was brought into operation immediately afterwards and is working satisfactorily.

A portion of the low-lying ground round about the Purification Works has been filled up and a beautiful garden has been laid out on the reclaimed land. The remaining area will similarly be filled up as surplus material becomes available.

Proposals to provide additional purification works for treating the sewage from the areas of Wadala, part of Sewri and Sion have been approved by the Corporation. Tenders for these additional works will be invited after the detailed plans and estimates have been approved by them.

### (5) Transformer Stations.

It was at first intended to construct one Transformer House and to provide electrical energy to the three pumping stations and the Purification Works from the Transformer House by laying underground cables. It is now proposed to provide two transformer stations—one at Matunga pumping station and the other at the Purification Works—at an estimated cost of about Rs. 46,200 (inclusive of a transformer house at the Purification Works). The works in this connection will be taken in hand shortly.

### (6) Sludge Digestion Tank.

The surplus activated and raw sludge continued to be digested in the Digestion Tank.

From the laboratory experiments conducted during the last year it was found that sludge gas could be utilised for heating, lighting and power. It was therefore proposed to take over 15 gas lamps on the road leading to the Purification Works from the Bombay Gas Company and light them with sludge gas. With the sympathetic co-operation of the Gas Company the gas main and gas lamps were purchased from the Company and the lamps lighted with sludge gas.

Another proposal approved by the Corporation for the utilisation of a portion of gas was to supply gas to the K. E. M. Hospital by laying a 6″ C. I. gas main from the Purification Works to the Hospital at an estimated cost of Rs. 48,000. This work has been taken in hand and is nearing completion. It is anticipated that regular supply of sludge gas will be made to the Hospital within a month or so. The saving likely to be effected in the gas bill of the Hospital will amount to about Rs. 20,000 per annum. It is proposed to supply sludge gas to the other Hospitals in the vicinity as well and thereby effect further saving.

### (7) Subsidiary and branch sewers.

The work on the laying of main subsidiary and branch sewers was vigorously pushed on during the period under report.

Excepting for a length of about 800 ft. the remaining length of about 3,200 ft. of pipe line in Portuguese Church Street has been completed.

The work on the construction of the sewer in Y Road (North) and in the 60 ft. road north of Shivaji Park was continued and completed in advance of contract period.

The sewer in Ash Lane has been constructed. Only two stretches for a length of above 150 ft. have remained to be completed.

The work on the five subsidiary sewers let out by contract to Messrs. Dattatraya Govind & Co. and Messrs. Anna Balwant & Co. was continued and completed during the year.

The contract for the construction of the sewer 800 ft. in length in Y Road (South) was let out to Messrs. Teju Kaya & Co. and the work completed in about 3 months.

Tenders for the construction of three main subsidiary sewers were invited and the constructional work entrusted to the following Contractors :—

| | | Tendered amount. | Contractors. |
|---|---|---|---|
| | | Rs. | |
| (1) | Sewer in New Purbhadevi Road .. .. | 1,34,142 | Messrs. Prabhat Construction Co. |
| (2) | Sewers in Ranade Road Extension and in certain roads round Shivaji Park .. .. | 85,085 | Mr. K. G. Kermani. |
| (3) | Sewer in Lady Hardinge Road .. .. | 89,850 | Messrs. Hansraj Roshanlal. |

The work on the construction of these sewers was started at the end of the financial year and a good progress is made during the period of one month.

In order to expedite the work of laying branch and subsidiary sewers in Mahim it was decided to construct some of the sewers departmentally. The area was divided into convenient sections and work begun simultaneously on all the sections under the supervision of an Inspector for each section. By the end of the financial year (from November to March) a total length of about 12,000 ft. of pipe line was laid departmentally. In addition to this a length of about 5,009 ft. of sewer line was laid through the agency of G Ward, Road Maintenance Branch. The expenditure incurred on departmental works amounted to about Rs. 3,30,000.

A statement showing the work carried out and the expenditure incurred on the main sewerage scheme and on the subsidiary and branch sewers is attached herewith.

Statement showing the expenditure booked during the year ending 31st March 1938 on different works in connection with the Main Drainage Scheme for the North of the Island and subsidiary and branch sewers.

| Item. | | Amount. |
|---|---|---|
| | Rs. a. p. | Rs. a. p. |
| *Expenditure booked on Main Sewerage Scheme up to 31st March 1937* .. | ..... | 14,49,203 10 1 |
| *Expenditure booked on Main Drainage Scheme during* 1937-38 .. .. | ..... | 5,54,580 8 9 |
| Construction of Sewer $K^3$ $M^3$ .. .. .. .. .. *Credit* | 161 13 0 | |
| Do. $N^3$ $M^3$ .. .. .. .. .. .. | 34,925 7 0 | |
| Do. $D^3$ $C^3$ .. .. .. .. .. .. | 1,07,561 14 0 | |
| Laying 18″ Rising Main from Pumping Station No. 2 to Disposal Works .. .. .. .. .. .. .. .. .. | 31,037 12 0 | |
| Laying 18″ Rising Main from Pumping Station No. 3 to Disposal Works .. .. .. .. .. .. .. .. .. | 2,357 15 0 | |
| Supplying and erecting Machinery for the three pumping stations .. | 3,093 2 0 | |
| Constructing Civil Engineering Works at Matunga Pumping Station No. I .. .. .. .. .. .. .. .. .. | 633 10 0 | |
| Construction of Civil Engineering Works at Pumping Stations No. II and III .. .. .. .. .. .. .. .. .. | 42,361 11 0 | |
| Supplying at site and erecting Simplex Machinery .. .. .. | 1,16,000 14 0 | |
| Civil Engineering Works .. .. .. .. .. .. .. | 86,083 9 0 | |
| Constructing a Chemical Laboratory .. .. .. .. .. | 96 13 0 | |
| Acquisition of land .. .. .. .. .. .. .. | 42,671 5 9 | |
| Transformer Stations .. .. .. .. .. .. .. | 42 5 0 | |
| Establishment Charges .. .. .. .. .. .. .. | 44,325 1 0 | |
| Sludge Digestion Plant .. .. .. .. .. .. .. | 43,550 15 0 | |
| | 5,54,580 8 9 | |
| | Total Rs. .. | 20,03,784 2 10 |

| Item. | | Rs. a. p. | Amount. Rs. a. p. |
|---|---|---|---|
| *Expenditure booked on the construction of Subsidiary and Branch Sewers up to* 31-3-1937 .. .. .. .. .. .. .. .. | | ..... | 1,93,446 11 10 |
| *Expenditure booked on the construction of Subsidiary and Branch Sewers during* 1937-38 .. .. .. .. .. .. .. .. | | .... | 3,30,999 13 0 |
| Construction of Sewer | Q .. .. .. .. .. .. | 34,970 1 0 | |
| Do. | M .. .. .. .. .. .. | 80,869 4 0 | |
| Do. | q1 .. .. .. .. .. .. | 26,696 1 0 | |
| Do. | B .. .. .. .. .. .. | 14,322 14 0 | |
| Do. | e4 .. .. .. .. .. .. | 10,153 0 0 | |
| Do. | F .. .. .. .. .. .. | 18,966 4 0 | |
| Do. | M1 .. .. .. .. .. .. | 9,311 14 0 | |
| Do. | m1 .. .. .. .. .. .. | 13,092 2 0 | |
| Do. | W4 .. .. .. .. .. .. | 529 3 0 | |
| Do. | W1 .. .. .. .. .. .. | 381 4 0 | |
| Do. | H2 .. .. .. .. .. .. | 903 8 0 | |
| Do. | E1 .. .. .. .. .. .. | 422 5 0 | |
| Do. | E3 .. .. .. .. .. .. | 413 8 0 | |
| Do. | h1 .. .. .. .. .. .. | 5,548 9 0 | |
| Providing a portion of 9″ sewer in Road No. 41 .. .. | | 642 2 0 | |
| Construction of Sewer | $X\frac{1}{1}$ .. .. .. .. .. .. | 1,496 12 0 | |
| Do. | X2 .. .. .. .. .. .. | 1,856 8 0 | |
| Do. | $x\frac{1}{1}$ .. .. .. .. .. .. | 2,076 13 0 | |
| Do. | $x\frac{1'}{1}$ .. .. .. .. .. .. | 1,719 6 0 | |
| Do. | $x\frac{1}{2}$ .. .. .. .. .. .. | 355 15 0 | |
| Do. | x2 .. .. .. .. .. .. | 1,538 4 0 | |
| Do. | $x\frac{2}{1}$ .. .. .. .. .. .. | 1,360 1 0 | |
| Do. | $x\frac{3}{1}$ .. .. .. .. .. .. | 871 7 0 | |
| | | 2,28,497 1 0 | |
| Construction of Sewer | $M\frac{4}{1}$ .. .. .. .. .. .. | 1,969 6 0 | |
| Do. | $M\frac{4}{2}$ .. .. .. .. .. .. | 2,062 10 0 | |
| Do. | $M\frac{6}{2}$ .. .. .. .. .. .. | 1,597 2 0 | |
| Do. | $M\frac{6}{3}$ .. .. .. .. .. .. | 826 1 0 | |
| Do. | $M\frac{6}{1}$ .. .. .. .. .. .. | 1,413 2 0 | |
| Do. | m3 .. .. .. .. .. .. | 1,001 10 0 | |
| Laying 9″ pipe sewer ($N^1$) in Tulsi Pipe Line Road from Ranade Road junction Northwards .. .. .. .. .. .. .. | | 6,310 6 0 | |
| Construction of Sewer | q2 .. .. .. .. .. .. | 8,222 4 0 | |
| Do. | $q\frac{1'}{2}$ .. .. .. .. .. .. | 4,653 8 0 | |
| Do. | $q\frac{1'}{3}$ .. .. .. .. .. .. | 1,785 5 0 | |
| Do. | $q\frac{1}{4}$ .. .. .. .. .. .. | 1,540 1 0 | |
| Do. | $q\frac{2}{1}$ .. .. .. .. .. .. | 150 0 0 | |
| Do. | q3 .. .. .. .. .. .. | 750 0 0 | |
| Do. | U3 .. .. .. .. .. .. | 1,978 4 0 | |
| Do. | U2 .. .. .. .. .. .. | 2,414 12 0 | |
| Do. | Q4 .. .. .. .. .. .. | 5,021 5 0 | |
| Do. | Q5 .. .. .. .. .. .. | 1,859 12 0 | |
| Do. | U4 .. .. .. .. .. .. | 2,806 12 0 | |
| Do. | U .. .. .. .. .. .. | 250 0 0 | |
| Do. | D .. .. .. .. .. .. | 6,591 4 0 | |
| Do. | $n\frac{1}{2}$ .. .. .. .. .. .. | 1,103 12 0 | |
| Do. | $n\frac{2}{1}$ .. .. .. .. .. .. | 4,133 3 0 | |
| Do. | $E\frac{2}{1}$ .. .. .. .. .. .. | 412 15 0 | |
| Do. | $E\frac{2}{2}$ .. .. .. .. .. .. | 354 1 0 | |
| | | 2,87,704 8 0 | |
| Construction of Sewer | b1 .. .. .. .. .. .. | 663 10 0 | |
| Do. | b2 .. .. .. .. .. .. | 500 5 0 | |
| Do. | b3 .. .. .. .. .. .. | 1,218 2 0 | |
| Do. | B2 .. .. .. .. .. .. | 361 2 0 | |
| Do. | B1 .. .. .. .. .. .. | 412 1 0 | |
| Do. | W2 .. .. .. .. .. .. | 1,384 11 0 | |
| Do. | W3 .. .. .. .. .. .. | 1,247 14 0 | |
| Do. | C .. .. .. .. .. .. | 1,010 11 0 | |
| Do. | e1 .. .. .. .. .. .. | 727 13 0 | |
| Do. | e3 .. .. .. .. .. .. | 113 4 0 | |
| Do. | e2 .. .. .. .. .. .. | 173 2 0 | |
| Do. | b5 .. .. .. .. .. .. | 12 6 0 | |
| Do. | H1 .. .. .. .. .. .. | 16 6 0 | |
| Construction of Sewer 'X' in the southern arm of Y Road from its junction with the Woollen Mill Lane to Lady Jamshedji Road to a distance of 800 ft. .. .. .. .. .. .. | | 23,947 14 0 | |
| Construction of Sewer 'W' in Elphinstone Road, New Parbhadevi Road, etc. .. .. .. .. .. .. .. | | 11,226 9 0 | |
| Construction of Sewer H in Lady Hardinge Road .. .. .. | | 175 5 0 | |
| Construction of Sewers X (part), x1 and M4 near Shivaji Park .. | | 104 2 0 | |
| | Total Rs. .. | 3,30,999 13 0 | |

## VIII.—SLUM CLEARANCE AND IMPROVEMENT.

198. There is a big cry for doing away with slum areas in the congested parts of the City and a list of such areas has been prepared by the Health Officer and various schemes for clearing them are under contemplation.

Wholesale acquisition of properties for the purpose of slum clearance is a very expensive proposition and it will take a considerably long time to put them into operation as they have to go through a very lengthy process laid down under the Land Acquisition Act.

Some remedy is required to be found out which would operate in all such slum areas at the same time and although the improvement by such process may not be an ideal one it should be such as to do away with the worst features of the slums and must definitely prevent the creation of future slums. Such remedy can only be found in amending Building Regulations and Byelaws and framing new ones.

With this end in view I have proposed amendments to Sections 291, 294, 297, 298, 302, 303, 337, 342, 348, 349A, 349B, 354 etc. and have proposed new Sections such as 337A, 347B, 347C, 348A etc. and similar amendments to Byelaws have been proposed.

The main feature of these amendments and of new Regulations is to secure power to control all the items mentioned in my note in this report under the heading " General."

The Byelaws are to be amended so as to demand more open spaces than what are required to be provided under Byelaw 41 and also to demand front and rear open spaces in the scheduled areas. Minimum side open spaces for each building plot are to be demanded and the advantage of the neighbouring open spaces of one owner are to be restricted only to the extent of the open space which the adjoining builders propose to have within their own boundary.

Thus it will be seen that if all these proposals are sanctioned, they would definitely arrest further growth of slums in all parts of Bombay. As prevention is better than cure, I hope my proposals would receive the support of all concerned which would save the future generations of Bombay from meeting the heavy cost of slum clearance which the present generation would otherwise create.

During the year 1937-38, the undermentioned works in connection with the improvement and clearance of slum areas of the city were carried out.

*Dharavi.*—With a view to improve the sanitation of the area, a hume pipe drain of 12" diameter was laid for a length of 342 R. ft. at a cost of Rs. 5,600 and open channel drains with rubble pitching and cement concrete bottoms were constructed for a length of 2,620 R. ft. at a cost of Rs. 8,000. Two of the important passages were also provided with cement concrete surfaces to the extent of 1,738 R. ft., the cost of the work amounting to Rs. 14,500. The work is still continued and when completed, will show a marked improvement on the former state of the village.

*Worli Koliwada.*—The village has only one main road running lengthwise with other narrow and crooked cross passages on either side, all of which were so far unpaved and hence insanitary and unpassable and were also without adequate drainage and sewerage arrangements. During the year under review, a lot of improvement was effected, *e.g.*, drains to carry storm water and sullage were laid in the main road and cross passages, the total length thus provided admeasuring about 7,650 R. ft. and the cost incurred amounting to Rs. 33,000. The main road and the important cross passages were also provided with cement concrete surfaces, the area thus concreted admeasuring 61,000 S. ft. and the cost incurred amounting to Rs. 27,000.

Five new washing places were provided at a cost of Rs. 1,346 and seven old washing places were repaired at a cost of Rs. 1,738.

The work, when completed, will give considerable relief to the population of this area. It is also intended to declare public the main road and the passages that are concreted and thereafter prescribe regular lines with a view to widen and straighten them in course of time.

*Kamathipura.*—One of the worst slum areas of the city, the major portion of which cannot be dealt with otherwise than by wholesale acquisition and demolition of houses. The whole district cannot be taken in hand at a time and therefore, to begin with, a scheme for the clearance and future layout of the area bounded by Bapty Road, Kamathipura Bazaar Road, Kamathipura 8th Street and Manaji Rajujee Road has been formulated and is under consideration. It is also contemplated to have housing scheme for accommodating part of the population that would be dislodged. The Corporation have also sanctioned funds for the work of converting a vacant Municipal plot of land at Stable Street into a recreation ground under their Resolution No. 819 of 8-2-1938.

*Marine Streets—(area North-west of Wellington Cinema).*—1st and 4th Marine Streets are very filthy and congested localities and the area in the vicinity is also far from sanitary and with a view to improve the whole district, a scheme is under preparation for the clearance and future development of the area bounded by 1st Marine Street, Wellington Street, Dadi Santuk Lane and Trinity Street.

The possibility of widening Wellington Street so as to open it out on Lohar Street making a direct thoroughfare with Lohar Street is being considered.

*Dr. Viegas Street (Cavel).*—Details are collected with a view to formulate a proposal for the improvement of the area to the south of Dr. Viegas Street.

*Extension of Parsi Bazar Street.*—The important portion of the Fort locality is now recently modernised by the completion of the Hornby Ballard Scheme but there still remains the area comprising Maruti Lane, Police Court Lane, &c., which is very congested and early action is necessary for its improvement. If the Parsi Bazar Street extension, which is now under construction up to Bomanji Lane and abruptly ends there, is further carried towards the North to Fort Street and the roads that it would cross be provided with regular lines for future widening, the whole area of the Northern Fort will be immensely improved and further an important thoroughfare will come into existence leading from Churchgate Street and Apollo Street to Bori Bunder thus relieving congestion of traffic on main Hornby Road. The preparation of scheme is in hand. The necessary details are gathered and the estimates of costs worked out.

*Housing.*—Every scheme for the improvement and clearance of slum areas must take into consideration the problem of housing for the low-income tenants likely to be thrown out. Otherwise, demolition of unfit houses would drive these poor residents to other slum localities resulting in their further over-crowding. It is clear that low cost housing cannot be entirely left to private industry alone because private enterprises, however, well organised, must work at a profit and therefore it is inevitable that either the Government or the Municipality should enter actively upon the scene. The present hectic building activities in the city will help little in solving the problem of slums without an adequate programme that will supply decent living rooms to the poor unfortunate citizens known as the low-income groups who cannot afford to pay high rents.

The Municipality owing to financial stringency could so far do little in this direction. However, in cases of insanitary and rickety dwellings on the ex-Trust Estates that are pulled down, efforts are being made to provide the dishoused tenants with accommodation in the semi-permanent sheds in the neighbourhood and in pursuance of this policy, during the year under report, S. P. rooms with sanitary conveniences were completed at the various areas mentioned above. Further proposals are also ready for building 25 rooms at Sion and re-constructing 124 rooms at Naigaum, 200 at Worli Koliwada and 250 at Sewri and Dhakti Sewree and their cost is duly provided for in the current year's budget.

A scheme is also under preparation for the housing of the residents of the Wadala Village that would be thrown out if the insanitary structures now standing there are pulled down and plots formed according to the proposed new lay-out. Details regarding the nature and number of tenements, total population, their paying capacity, etc., have already been collected and the scheme will be submitted after the development and the lay-out of Scheme No. 57 has been sanctioned.

There are no less than 84 slum areas in the City and it is not possible to tackle them all at once. But as soon as the schemes that are under preparation are ready, other schemes will be taken in hand for such areas as require early attention.

I have the honour to be,

Sir,

Your most obedient servant,

D. N. BARIA,

Dy. City Engineer.

# ESTATE AND LAND MANAGEMENT.

No. SR/1216 of 1938-1939.

BOMBAY, 10*th September* 1938.

FROM

THE DEPUTY MUNICIPAL COMMISSIONER (IMPROVEMENTS)

TO

THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

Subject : *Administration Report for the year* 1937-38.

SIR,

With reference to your Circular No. SR/1216, dated 28th April 1938, I have the honour to forward herewith the Administration Report of the Departments under my control for the year 1937-38.

## NEW SCHEMES.

### PROGRAMME.

The following Improvement Schemes were approved by the Corporation and notified during the year :—

### SCHEME NO. 72, TRIPARTITE ROAD IMPROVEMENT SCHEME.

This scheme which was referred to in the last year's report was approved by the Corporation under Section 354C(*i*) by their Resolution No. 129 of 6th May 1937 and was duly notified under Section 354C(*ii*) in the *Bombay Government Gazette* and the local Newspapers in June 1937. It was approved by the Improvements Committee under Section 354D by their Resolution No. 477 of 28th September 1937. The Scheme was thereafter duly notified under Section 354G and is being submitted to the Improvements Committee under Section 354J.

### SCHEME NO. 73, PALTON ROAD ESTATE IMPROVEMENT SCHEME FOR ACCOMMODATING POORER AND WORKING CLASSES.

The Corporation by their Resolution No. 299 of 4th August 1936 approved the 21st report of the Works Committee, dated 2nd July 1936, regarding the layout of Municipal land included in the Palton Road Estate and forwarded a copy thereof to the Commissioner with an intimation that arrangements may be made for providing housing accommodation for the tenants, who would be dishoused by demolishing the existing s. p. sheds standing on the Estate. Accordingly an Improvement Scheme under Section 354C 1(A) (*c*) of the Municipal Act was formulated for providing housing accommodation and is called Scheme No. 73—Palton Road Improvement Scheme for Accommodating Poorer and Working Classes. It is proposed to construct three E-shaped blocks of permanent chawls consisting of ground and 3 upper floors on an area of about 5,228 square yards. This type of construction has been adopted to give better light and air to the rooms as it is preferable to the usual type with a central corridor. The chawls will consist of 24 shops, 16 godowns and 230 living rooms. The total outlay on the Scheme allowing for interest and sinking fund charges at 3 per cent. during the period of construction would be Rs. 6,29,700. The net annual income from these chawls is estimated at Rs. 17,640 giving a net return of 2.79 per cent. on the outlay of Rs. 6,29,700. The Scheme was approved by the Corporation under Section 354C 1(*i*) by their Resolution No. 757 of 19th January 1938. It was duly notified in the *Gazette* and the local papers as required by Section 354C (1) (*ii*) and is now being submitted to the Improvements Committee under Section 354D for their approval.

### SCHEME NO. 74, SION OVERBRIDGE IMPROVEMENT SCHEME.

The Corporation by their Resolution No. 790 of 14th January 1937 decided that the removal of the hump and the bottle neck at Sion Station Road should be taken up as an Improvement Scheme after the Municipal Act was suitably amended to enable the Corporation to take it up as a Street Scheme. Accordingly after the Act was amended, a Scheme was formulated for the removal of the bottle neck and the widening of the Bridge under Section 354C(1) (B).

It was approved by the Corporation under Section 354C (*i*) by their Resolution No. 1059 of 10th March 1938. According to the Scheme as approved by the Corporation, it is proposed to widen the existing 60′ road over the Bridge to 95′ having a carriage way of 60′ with footpaths of 17′-6″ on either side. There will also be a 20′ low level road on the south of the western approach. In connection with the Scheme portions of 3 properties admeasuring about 1,333 square yards are proposed to be acquired. The total estimated cost of works comes to Rs. 2,09,798. This includes Rs. 62,000 the estimated cost of widening the abutment piers, steelworks, etc. The estimated cost of acquisition comes to Rs. 38,300. The total cost of the Scheme excluding interest and sinking fund charges on the capital outlay upto the completion of the Scheme will therefore amount to Rs. 2,48,028. As this bottle neck is situated on the arterial road leading to the provincial Bombay-Agra Road Government have been requested to contribute from the Provincial Road Fund Grant a moiety of the total cost of the Scheme. The Scheme will now be published in the *Government Gazette* and local papers under Section 354C1 (*ii*).

### Acquisition of Lands—L. A. O.'s Cases.

At the end of the year 1937-38, 5,609 square yards comprised in 5 cases remained to be acquired. During the year one case in Scheme 37 having an area of 225 square yards was acquired for Rs. 5,726. It is proposed to acquire the remaining 4 cases having an area of 5,384 square yards at an estimated cost of Rs. 6,885.

### High Court References.

In the beginning of the year there were pending 15 High Court References in respect of 14 denotified properties in the Dharavi Street Scheme, and one denotified property in Worli Street Scheme. The total amount demanded by the Claimants of these References as damages under Section 48(2) of the Land Acquisition Act was Rs. 21,31,955. Out of these, 7 Dharavi References for which a total claim of Rs. 7,40,999 was made on behalf of the Claimants, were amicably settled during the year on the lines of Reference No. 8 of 1928 settled in the previous year for a total sum of Rs. 1,37,935-10-0 including interest.

As regards the remaining eight References, the Claimants of 6 References, which relate to Dharavi tannery properties, are likely to come to terms with the Municipality very soon. It is, however, proposed to contest the remaining 2 References. One of these is a piece of land at Dharavi with structures used for residence and the other is a piece of vacant land at Worli.

### Changes in Ex-Trust Estates.

There have been no changes in Schedule W, X, Y and Z lands.

The net changes effected in the Ex-Trust Estates are set out in the following statement :—

| | As at the beginning of 1937-38. Square yards in thousands. | As at the end of 1937-38. Square yards in thousands. |
|---|---|---|
| *Developed Land.* | | |
| Permanently leased .. .. .. .. .. | 32,02 | 33,90 |
| Trust Chawl sites .. .. .. .. .. | 1,89 | 1,89 |
| Yet to be permanently leased .. .. .. | 9,25 | 7,99 |
| Total .. | 43,16 | 43,78 |
| Rent of permanently leased area .. .. .. | 29.3 lakhs. | 30.3 lakhs. |
| *Undeveloped Land.* | | |
| Area in thousands of sq. yds. .. .. .. | 70,71 | 70,10 |
| Cost of acquisition .. .. .. .. .. | 261 lakhs. | 258 lakhs. |

It will be seen that at the end of 1937-38 out of a total of 1,39,36,000 square yards (2,879 acres) vested in or acquired by the Trust about ½ remained to be developed and of the developed area about 1/5th remained to be leased. The average value of the leased plots is Rs. 22 per square yard and that of plots which remain to be leased is estimated at Rs. 19 per square yard on the basis of the rates fixed some years back.

### Progress of Development.

The layout of the portion of the area of Sion-Matunga Estate, Scheme 6, surrounded by Roads Nos. 3, 4, 7 and 27 has been sanctioned by the Corporation during the year under report whereby the said area is divided into 18 plots varying in area from 585 square yards to 910 square yards. The width of road No. 27 situated on the East of the plots has been increased from 30′ to 40′ to meet the present day requirements of traffic.

The Corporation likewise gave sanction to the construction of a road in Scheme 50 Mazagaon joining Mazagaon Road and St. Mary Road and also to the development and layout of the Municipal surplus land acquired in connection with the opening of a road joining Mazagaon Road and Nesbit Road with a view to divide the area into plots of suitable size.

### Worli Estate, Scheme 52.

The Corporation sanctioned in this Estate the revised layout of plots Nos. 12 and 13.

On account of the widening of the two upper roads on the Worli Hill, from 40′ to 50′, the Corporation sanctioned the revised layout of plots Nos. 26, 34-A and 35, thus the Corporation took back a 10′ strip from the aforesaid three plots.

Plot No. 25-A, admeasuring 5,544 square yards and being too big for being let to one party, was subdivided into three smaller plots, *viz.* plots Nos. 25-A, 25-B & 25-C.

The Corporation sanctioned the revised layout of plots Nos. 27 to 34 and 36 to 42 in the second row of plots in Worli Estate, Scheme 52, and afforded to the lessees of plots in the first row, as well as those in the second row which were not included in the revised layout, the option to change the layout of their plots according to that of the others. It was decided to do away with the outhouse block in the rear open space and to allow only garages, the area of the main building being extended by 10′ to allow for providing accommodation for servants.

The Improvements Committee also sanctioned the revised layout of plots Nos. 38 and 39-A with a view to suit the modification in the layout of plots Nos. 12 and 13.

The Corporation similarly sanctioned the revised layout of plots Nos. 53 to 64-A.

The Corporation allowed the Building Tenant to divide plots Nos. 65-B, 66, 66-A and 66-B into three plots namely plots, No. 65-B, 66 and 66-A.

For an area of about 8,610 square yards being available for disposal between plots Nos. 72 and 74-B, which had been disposed of, the Corporation sanctioned the revised layout dividing the same into 4 plots of approximately equal area and numbered them as plots Nos. 72-A, 73, 73-A and 74.

The Corporation sanctioned the layout of plots in the 3rd, 4th and 5th rows of Worli Hill, Scheme 52, the lessees of plots in the 5th row being given the option to have an out-house block or garages only and the lessees of plots leased or agreed to be leased being given the option to modify the layout of their plots according to the revised layout.

An area of about 9,286 square yards being available for disposal between plots Nos. 67-A and 70, the Improvements Committee sanctioned the revised layout to divide it into 4 plots of approximately equal area, *viz.* as plots Nos. 68, 68-A, 68-B and 69.

In view of the fact that the roads to the East and West of plots Nos. 75 to 94 in the third and the fourth rows of the Worli Hill, Scheme 52, had been widened from 40′ to 50′ as per Corporation's Resolution, the Corporation gave their sanction to the area of the aforesaid plots being revised accordingly.

The Corporation sanctioned the layout of plot No. 96 admeasuring about 11,000 square yards.

The Corporation sanctioned the layout of plots Nos. 161 to 198.

The Improvements Committee sanctioned the layout of plot No. 216, admeasuring about 8,000 square yards.

The Corporation sanctioned the layout of plot No. 217, admeasuring about 10,000 square yards.

### Scheme 58, Worli Extension.

The Corporation sanctioned the detailed layout and development of a part of Scheme 58, Worli Extension.

### Scheme 57, Sewri-Wadala Estate.

The Corporation accorded their sanction to the general layout of the Southern portion of this estate.

### Dishousing and Re-housing.

During the year, Vacancies both in the Post-War and Pre-War Chawls were few.

Members of the menial staff who were in receipt of House rent allowance continued to get rent-free quarters in lieu of the House rent allowance. This number was 393 on 1st April 1937 and this has now increased to 417.

During the year 35 acquired buildings and 966 semi-permanent sheds on the Estates of the Ex-Trust containing 1,286 tenements of which 1,259 were one-room tenements, were demolished.

The new residential accommodation made available in the Ex-Trust Estates during the year excluding shops and other non-residential quarters amounted to 3,436 tenements of which 3,127 were provided in houses erected by lessees.

It will be seen from Appendix E that the total number of tenements provided upto date in all the Trust Estates including those erected by the Development Department and the several Mill Companies exceeds the total number of tenements demolished by 25,551as shown below:—

| | | |
|---|---|---|
| (*a*) | Tenements provided in the Trust Chawls (including 3-room and 2-room tenements and cottages at Matunga .. .. .. .. .. | 9,716 |
| (*b*) | Tenements provided in the chawls erected by the Spring Mills, Century Mills, the Kohinoor Mills and the David Mills and in the chawls erected by the Development Directorate on the Ex-Trust Estates and the various Police Accommodation Schemes .. .. .. .. | 18,555 |
| (*c*) | Tenements provided in the Semi-permanent Sheds erected by the Ex-Trust .. .. .. .. .. .. .. .. .. | 2,672 |
| (*d*) | Tenements provided in the lessees' Buildings .. .. .. .. | 30,925 |
| | Total .. | 61,868 |
| *Less*—Tenements demolished .. .. .. .. .. .. .. | | 36,317 |
| Excess of new tenements over tenements demolished .. .. .. .. | | 25,551 |

## DISPOSAL OF LANDS.

### Long Leases.

The number of plots let during the year was 144 having a total area of 1,88,389 square yards (39 acres) and valued at Rs. 33,04,883. In addition eight plots having an area of 827 square yards were sold outright for Rs. 9,920. Deducting one plot which was resumed during the year, the total number of plots disposed of up to the end of 1937-38 is 2,796 with an area of 35,80,627 square yards (740 acres) and valued at Rs. 7,90,11,920 having an annual rent of Rs. 30,29,440. The rate at which ground rents are capitalized in the various tables in this report is at 22¼ years' purchase for plots let before the 23rd November 1920 and 18 years' purchase thereafter.

The figures indicating the progress in the disposal of Trust lands in the year are as follows :—

| No. | Particulars. | No. of Plots. | Area in square yards. | Capital Value Rs. | Annual rent Rs. |
|---|---|---|---|---|---|
| I | Plots leased (Rent) .. .. .. | 102 | 1,26,773 | 23,03,352 0 0 | 1,27,964 |
| | „ „ (Premium basis) .. | 42 | 61,616 | 10,01,531 7 0 | (*A*) 42 |
| II | Land sold .. .. .. .. | 8 | 827 | 9,920 0 0 | *Nil.* |
| III | Total Plots disposed of .. .. | 152 | 1,89,216 | 33,14,803 7 0 | 1,28,006 |
| IV | Plots disposed of in 1937-38 or earlier but surrendered to and re-entered by the Corporation .. .. | 1 | 611 | 85,752 0 0 | (*B*) 4,764 |
| | Net Total .. | 151 | 1,88,605 | 32,29,051 7 0 | (*C*) 1,23,242 |
| | *Corresponding figures for—* | | | | |
| | 1936-37 .. .. .. .. | 222 | 3,00,149 | 41,20,534 9 0 | 1,29,924 |
| | 1935-36 .. .. .. .. | 192 | 1,72,433.35 | 33,39,676 0 0 | 1,36,273 |
| | 1934-35 .. .. .. .. | 142 | 1,15,466 | 18,34,649 0 0 | 83,856 |

(*A*) Interest on the premia may be taken at 6 per cent., *i.e.*, equal to about Rs. 60,092.
(*B*) Net receipts from tenants occupying the building against this loss of ground rent is about Rs. 1,400 per annum
(*C*) If the net rent and interest on premia are taken into account the result will show a figure of Rs. 1,84,734 instead of Rs. 1,23,242.

The details of leasing on each Estate are given in Appendix F.

In point of number, area, capital value and annual rent the result shows a decrease in comparison with the respective figures of the previous year, which established a record, but they are not unsatisfactory as compared with those for ordinary good years as can be seen from the figures for 1934-35 and 1935-36. Moreover it has to be remembered that the number of attractive plots is getting reduced from year to year, and owing to various causes we have not been in a position to develop new estates. During this year the Corporation sanctioned by their Resolution No. 836 of 10th February 1938 transfer of about 68,000 square yards of land in Scheme No. 57 for the construction of a Tuberculosis Hospital. The land to be so transferred is to be valued at Rs. 6 per square yard. Instead of paying this amount from Budget A to Budget B, it is decided by the Corporation to transfer the Municipal land in Palton Road and Maratha Hospital to Budget B with the following financial adjustment :—

| | Rs. |
|---|---|
| Value of above Ex-Trust land .. .. .. .. .. .. .. | 4,08,000 |
| *Less*— | |
| Value of Municipal land :— | |
| (*a*) at Palton Road 5,228 square yards at Rs. 25 per square yard .. | Rs. 1,30,700 |
| (*b*) at Maratha Hospital 14,676 square yards at Rs. 20 per square yard. | Rs. 2,93,520 |
| Total .. | Rs. 4,24,220 |
| Balance .. | Rs. 16,220 |

As the above two amounts show a debit of Rs. 16,220 to Budget B Account a provision for that amount has been made therein for the year 1938-39 under acquisition. The Palton Road Housing Scheme No. 73 is yet to be declared. Area of the Maratha Hospital will be ascertained after the land required for set-back and for a dispensary is settled. In the meanwhile this transaction has not been taken into account while preparing figures for the Administration Report.

## SHORT LEASES.

There were 871 acquired buildings in charge of the Bombay Municipality (Improvements) at the commencement of the year. 35 buildings were demolished. Thus at the end of the year, the Municipality had 836 buildings containing 6,297 tenements.

The net change during the year.

| Date. | No. of Buildings. * | Tenements. | Gross rental (as on 31-3-38) in lacs. | One room tenements. | Two room tenements. | Larger tenements. | Shops. | Godowns | Factories. ** |
|---|---|---|---|---|---|---|---|---|---|
| | | | Rs. | | | | | | |
| 31-3-1937 .. | 871 | 6,552 | 7.48 | 5,041 | 766 | 392 | 209 | 139 | 5 |
| 31-3-1938 .. | 836 | 6,297 | 7.14 | 4,789 | 745 | 395 | 225 | 140 | 3 |

* Includes buildings on the plots surrendered by the lessees in Schemes 3 and 29.

** Inclusive of dyeing sheds and stables.

The rents realised for acquired buildings in 1937-38 aggregated Rs. 5,85,779-0-0.

The total temporary revenue realised during the year was 9,07,554 which compares with corresponding figure of the previous 2 years as under :—

| Particulars. | 1935-36. | 1936-37. | 1937-38. | Remarks. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | |
| Rents for acquired buildings .. .. .. .. | 6,61,828 | 6,00,412 | 5,85,779 | |
| Rents for lands let for temporary structures .. .. | 2,92,688 | 2,76,725 | 2,68,415 | |
| Rents for lands let for storing materials including sundry revenue .. .. .. .. .. .. .. | 12,623 | 5,082 | 8,123 | |
| Rents for lands let for cultivation, &c. .. .. .. | 75,707 | 57,542 | 45,237 | |
| Total .. | 10,42,851 | 9,39,761 | 9,07,554 | |

The decrease of .32 in the temporary revenue compared with the previous year is mainly due to demolition of acquired buildings and disposal of land on permanent lease.

The full letting value of the 10,074 rooms, including shops, godowns and looms in the Bombay Improvement Trust Chawls was Rs. 9,37,580 on 31st March 1938 (*vide* Appendix D and foot note).

The gross demand for the year was Rs. 9,42,509.

The net demand for the year (after excluding the amounts for vacancies (Rs. 60,163) and concessional rents (Rs. 35,566) was Rs. 8,46,780.

The revenue actually collected as per the rent demand registers amounted to Rs. 8,26,688 which is equivalent to 97.63 of the net demand for the year.

The gross demand for the year 1937-38 of the 2,615 rooms in the Semi-permanent Sheds including Sweepers' Sheds known as Labour Camps was Rs. 1,26,510.

The net demand for the year excluding vacancies (Rs. 8,629) and concessional rents (Rs. 73) was Rs. 1,17,881. The revenue actually collected amounted to Rs. 1,14,489 which is equivalent to 97.12 of the demand of the year.

The rents charged for rooms in the Permanent Chawls and tenements built by the Ex-Trust range from Rs. 4-15-0 to Rs. 35-0-0.

The percentage of outgoings is shown below. On the basis of the maximum annual rental of Rs. 9,37,580 of full letting value of the Chawls on 31st March 1938, the total outgoings

come to Rs. 51.33 per cent. out of which 6.41 is due to vacancies which means that the actual outgoings are slightly less than 45.00.

| Particulars. | Permanent. | | S. P. Sheds.* | | Remarks. |
|---|---|---|---|---|---|
| | 1936-37. | 1937-38. | 1936-37. | 1937-38. | |
| Sanitary Staff .. .. | 6·57 | 5·65 | 23·38 | 13·66 | *Including Labour camps. |
| Pumpmen .. .. .. | 0·17 | 0·17 | .. | .. | |
| Cost of Management and Establishment .. .. | 7·50 | 7·50 | 7·50 | 7·50 | |
| Municipal rates and Taxes .. | 15·92 | 15·69 | 14·50 | 16·15 | |
| Repairs and Maintenance including lighting charges .. | 10·68 | (a) 15·91 | 64·11 | 52·01 | (a) Increase due to special repairs. |
| Vacancies .. .. .. | 9·52 | 6·41 | 14·34 | 6·82 | |
| Total .. | 50·36 | 51·33 | 123·83 | 96.14 | |

The net annual income for the permanent Chawls works out to Rs. 4,56,319 or 3.07 per cent. of the cost of chawls *viz.*, Rs. 148.39 lacs including value of the land (*vide* Appendix C). The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per annum of the Capital expenditure prior to 1919-20 and at 6.35 per annum of the expenditure incurred subsequent thereto. This amounts to Rs. 8.67 lacs per annum showing a loss of about Rs. 4.11 lacs for the year and is equivalent to a loss of about Rs. 40.82 per room per annum.

The average population in the chawls during 1937-38 was 32,315 against 30,579 and 32,823 in 1935-36 and 1936-37 respectively whilst the corresponding figure for S.P. Sheds (excluding Labour Camps) were 4,601, 4,620 and 4,529 respectively.

The death rate in the Ex-Trust Chawls during the year was 10.61 per 1000 against 7.62 and 7.38 in the years 1936 and 1935 respectively.

## Collection of Revenue.

*Details of collection of revenue can be seen from the following table :—*

| Particulars. | | Revenue. | | Total. |
|---|---|---|---|---|
| | | Permanent. | Temporary. | |
| | | Rs. | Rs. | Rs. |
| Amount for collection .. | Demand for the year. | 31,84,727 | 19,02,439 | 50,87,166 |
| | Arrears .. .. | 5,36,820 | 10,76,559 (a) | 16,13,379 |
| | Total .. | 37,21,547 | 29,78,998 | 67,00,545 |
| Amount collected .. .. .. .. | | 31,03,239 (b) | 18,48,731 | 49,51,970 |
| Amount written off .. .. .. .. .. | | 16,617 | 3,73,786 | 3,90,403 |
| Arrears as on 1st April 1938 .. .. .. .. | | 6,01,691 | 7,56,481 | 13,58,172 |
| Arrears as on 1st April 1937 .. .. .. .. | | 5,36,820 | 10,76,559 | 16,13,379 |
| Arrears as on 1st April 1936 .. .. .. .. | | 5,23,351 | 10,27,013 | 15,50,364 |

(a) Includes arrears for cultivation rights.

(b) This does not include Rs. 1,825 recovered in advance, and Rs. 774 held in Deposit.

In connection with the temporary revenue, 68 suits were filed for claims aggregating Rs. 6,731-2-3 and the total recovery effected amounted to Rs. 3,034-10-0. No Distress warrants were effected during the year.

*Legal.*—In the year under review, 1,395 ejectment suits were filed against tenants who had run into arrears of rent and the total cost incurred for these suits amounted to Rs. 14,372-14-6, the total recovery effected being Rs. 10,487-11-9. Many of these tenants made themselves scarce after the filing of suits making it difficult for the Municipality to effect further recovery. An appeal was preferred against the dismissal of the High Court suit in respect of plot No. 11A Nowroji Hill Estate mentioned in the last report and the same was allowed with a decree in our favour in terms of the plaint with costs both in the appeal and the Court below. As regards the High Court suit in respect of Plot No. 26 Sandhurst Road East Estate mentioned in the last year's Report, execution proceedings for recovery of the arrears of rent and compensation awarded under the Decree passed on 7th September 1936 have been taken whereby certain other property of the 1st Defendant has been attached and is being sold through the Court. The High Court suit filed in respect of Plot No. 28 Nowroji Hill Estate and mentioned in the previous year's report was decreed on 18th February 1938. Pursuant to the Decree, possession of the said Plot was delivered to the Municipality by the Court Receiver. Necessary action for recovery of the arrears of rent and compensation awarded under the said Decree is being taken. The High Court suit filed in respect of Nowroji Hill Estate Plot No. 27 was called on on 9th March 1938 and a decree was passed against the Lessee for arrears of rent. In the High Court suit filed in respect of Plots Nos. P. Q. R. S. and W. of Scheme 37 for possession and arrears of rent and compensation, a Consent Decree was passed on the 22nd August 1938 and the possession of the said Plot with the structures thereon was delivered to the Municipality on 19th July 1938. The Decree is being drawn up and further steps for recovery of the arrears of rent and compensation awarded under the decree will be taken in due course.

During the year under report the Standing Committee has approved suits being filed for possession and for arrears of rents and compensation in respect of Scheme 57, Cases Nos. 320, 85, 86 and 104 ; Scheme No. 6, Case No. 9 ; Sandhurst Road East Estate Plot No. 27 and Sydenham Road Estate Plots Nos. 4 and 5 ; Nowroji Hill Estate Plot No. 48.

The suit in respect of Scheme 57, Case No. 320 has been filed and is expected to reach hearing very shortly.

The other suits in respect of the plots mentioned above will be filed in due course.

A comparative statement showing the number of Permanent Tenancies with demand and collection as on 31st March of the past 10 years is given below :—

| Particulars. | 1929. | 1930. | 1931. | 1932. | 1933. | 1934. | 1935. | 1936. | 1937. | 1938. |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of Tenancies .. | 1,290 | 1,324 | 1,352 | 1,390 | 1,447 | 1,576 | 1,683 | 1,877 | 2,210 | 2,261 |
| Amount for collection in lacs of Rupees .. .. .. | 30.61 | 32.96 | 33.36 | 33.08 | 33.25 | 32.48 | 33.57 | 34.96 | 36.39 | 37.21 |
| Collection in lacs of Rupees.. | 28.21 | 30.02 | 30.10 | 29.91 | 29.91 | 28.90 | 29.28 | 29.39 | 30.89 | 31.03 |
| Arrears in lacs of Rupees .. | 2.40 | 2.94 | 3.26 | 3.17 | 3.17 | 3.58 | 4.24 | 5.23 | 5.37 | 6.01 |
| Percentage of Arrears to Demand .. .. .. | 7.9 | 8.9 | 9.8 | 9.6 | 8.7 | 11.00 | 12.6 | 14.98 | 14.75 | 16.18 |

The increase in percentage of arrears may be attributed partly to the tendency among the new building tenants to withhold payment of ground rent generally to the extent of the Security Deposit paid by them. Adding these rents *viz.* Rs. 15,650 to demand and collection and deducting therefrom the claims for which legal action is sanctioned by the Standing Committee or rents received as deposits not having been accounted for during the year under review or action already taken in respect of plots Nos. 11-A, 27, 28 and 48 of scheme 29, plot No. 4 of scheme 47, plots Nos. 3 and 4 of scheme 37 and plots Nos. 26, 27 and 36/37 of scheme 3 and also plot No. 105 of scheme 2, the demand will be Rs. 35.50, the arrears Rs. 3.97 lakhs and percentage of arrears to demand 11.2.

## LAND ACQUISITION AND MANAGEMENT.

### Schemes, Overbridges, etc., of the Municipal Section.

1. *DeLisle Road Overbridge Scheme :*—The properties acquired in this scheme continue to be let and the annual realisable rent from them amounted to Rs. 16,049.

2. *Dadar Overbridge Scheme :*—The scheme is complete so far as the acquisition is concerned. The annual recovery of the rent from the Municipal Lands leased amounted to Rs. 15,493.

3. *Mahalaxmi Overbridge Scheme :*—The properties acquired in connection with the construction of the Mahalaxmi Overbridge continued to be let during the year under report and the annual realisable rent from this estate amounted to Rs. 70,925. New plots leased during the year under report are as under :—

Area 2,016 square yards Rs. 2,197 yearly ground rent.

4. *Victoria Road Overbridge Scheme :*—The properties acquired in connection with the construction of the Victoria Road Overbridge Scheme continued to be let during the year to poor class tenants. The annual realisable rent from this estate amounted to Rs. 6,126. The diminution in rents is due to the two structures containing 22 rooms having been declared unsound and marked for demolition.

5. *Golanji Hill Road :*—The properties acquired in this scheme continued to be let during the year and the annual realisable rent from this estate amounted to Rs. 8,067.

6. *Hornby Road to Ballard Pier Scheme :*—The Municipality were able this year to sell 2 and lease 4 plots. The realisation from sale amounted to Rs. 91,944-12-0. The total rent realisable from the scheme during the year amounted to Rs. 97,576. The last year's annual rent recovery was Rs. 1,79,228. The drop is due to vacancies in buildings to be demolished as the plots on which they stood had been agreed to be sold. The two cases for damages for withdrawal of properties notified in 1922 from acquisition under Section 48(2) of the Land Acquisition Act are still pending before the High Court. New plots leased or sold during the year under report :—

| | Area. | | |
|---|---|---|---|
| Leased | 2,560 square yards | Rs. 35,926- 0-0 | yearly ground rent. |
| Sold | • 661 ,, ,, | ,, 91,944-12-0 | sale proceeds. |

In this scheme out of the old cases notified in 1922 case No. M/436 only remains yet to be disposed of. The draft agreement for purchase of plot 5, part retention of the above case and purchase of Municipal Land in plot 5-A has been revised by the Legal Assistant. As soon as it is approved and executed by the claimants, Government will be requested to denotify the case.

The declaration under section 6 of the Land Acquisition Act for acquisition of the 8 properties notified in January 1937 was issued by Government in August 1937. Proceedings for ascertaining compensation in respect of these properties were opened by the Land Acquisition Officer in October 1937. Claimants of all the cases have put in their valuation. The cases are still proceeding before the Land Acquisition Officer.

7. *Widening of 1st Marine Street :*—The Corporation by their Resolution No. 270 of 12th July 1937 sanctioned the terms of settlement regarding the exchange of Municipal Land with the Government of India land in connection with the widening of the 1st Marine Street and also approved the Commissioner's proposal for the acquisition of private properties in connection therewith. Government notified the acquisition of the private properties under Section 4 of the Land Acquisition Act under G.R.R.D. 7796/33 of 10th December 1937. Declaration for the scheme under Section 6 of the Land Acquisition Act was issued under G.R.R.D. 7796/33 of 22nd February 1938. The Land Acquisition Officer will now open his inquiry for ascertaining the compensation payable for the acquisition of these properties.

The annual realisable rent from properties amounted to Rs. 3,903. The fall in realisable rent is due to the demolition of the sheds put up on this land by tenants.

8. *Tulsi Pipe Line Scheme :*—The properties acquired in connection with the laying of Public Utility Services continued to be let and the annual realisable rent from the estate amounted to Rs. 28,323. The decrease in rent is due to demolition of buildings.

9. *The proposed Road from Haines Road to the Junction of Ferguson Road and Tulsi Pipe Line :*—The scheme has been held up for want of funds.

10. *Extension of Municipal Workshops at Foras Road :*—The properties acquired for the extension of Municipal Workshops at Foras Road continued to be let as buffalo and horse stables. The rent from this estate during the year amounted to Rs. 12,192.

11. *The Municipal Crusher Building at Carnac Road :*—The Municipal Crusher Building at Carnac Road continued to be let at a monthly rent of Rs. 300. The ground floor of this building continues to be let as garages at Rs. 125 p.m. The total realisation per annum from the Crusher Building is Rs. 5,100.

12. *Phalton Road Estate :*—The S. P. Sheds in this estate are let to poor class tenants. The total realisable rent from the estate during the year amounted to Rs. 25,552. The fall in rent is due to demolition of sheds. A scheme has been formulated under Sec. 354C(A) (*c*). It is called Scheme No. 73, Phalton Road Estate Improvement Scheme, for accommodating poorer and working classes. Plans and estimates for construction of permanent Chawls for providing housing accommodation for the tenants who would be dishoused by demolition of the S. P. Sheds were prepared and the whole scheme was sanctioned under Corporation Resolution No. 757 of 19th January 1938. Value of the land sold amounted to Rs. 21,700.

13. *Byculla Bridge Estate :*—The construction of the Municipal Market building is in progress and it is anticipated that the work will be completed in the next official year. There is no realisable rent from this estate as the buildings have been pulled down.

14. *Musjid Bunder Land :*—The annual rent from the leased lands amounted during the year to Rs. 9,478.

## SPECIAL ROAD SCHEMES.

*Dadar-Kumbharwada Road* (*now Bhawanishankar Road*) *:*—The scheme is complete so far as the acquisition is concerned. The main road has been constructed. Cross roads will be completed as funds permit. The annual rent recovery amounted to Rs. 846 and the value of land sold to Rs. 21,168-8-0. The fall in rent is due to demolition of structures.

*Mahim Kapad Bazar Road :*—The scheme is complete so far as acquisition is concerned. The cross roads will be constructed when funds permit. New plot leased during the year under report is as under :—

Area 165 square yards Rs. 248 yearly ground rent.

*Plot at Lady Hardinge Road.*—The plot leased during the year under report is as under :—

Area 71.82 square yards Re. 1 yearly ground rent.

## MAHIM DEVELOPMENT SCHEMES.

*Mahim Station Road—Scheme No. I.*—The acquisition is complete and the main road is constructed. Construction of the road to the south of the Parsi Association's Property is in progress. Other cross roads in the scheme will be constructed when funds permit. New plots leased or sold during the year under report are as under :—

| | | Area. | | |
|---|---|---|---|---|
| Leased | .. | 699 square yards | Rs. 588 | yearly ground rent. |
| Sold .. | .. | 2,140 „ | „ „ 23,256 | sale proceeds. |

*Nardulla Tank Road—Scheme No. II.*—The scheme is complete as regards acquisition.—Nardulla Park site was let for cultivation for a period of one year for Rs. 2,200.

*Extension of DeLisle Road Northwards to meet Lady Jamshedji Road* (*now known as Gokhale Road North and South*)*—Scheme No. III.*—The scheme is complete as regards acquisition. The erection of lamps at the portion of 60′ road opposite Portuguese Church, Dadar, has been completed. A sewer in this portion has been laid and the road as far as the scheme boundary will be constructed after the consolidation of the trench. New plots sold during the year under report are as under :—

| | | | |
|---|---|---|---|
| Area .. | .. | 3,436 square yards | Rs. 45,903 sale proceeds. |

*Widening and Improving Lady Jamshedji Road—Scheme IV.*—The scheme is complete as regards acquisition. The construction of the portions of the cross roads in the scheme will be completed as funds permit. The Municipal Solicitors have taken action for the execution

of the High Court Decree against Mr. Porbundari and the action is proceeding. Plots leased or sold during the year under report are as under :—

| | Area. | | | |
|---|---|---|---|---|
| Leased .. | 3,647.07 | square yards | Rs. 3,430-0 | yearly ground rent. |
| Sold .. .. | 12,556 | ,, ,, | ,, 1,83,513-5 | sale price. |

*Extension of Mahim Bazar Cross Road to Tulsi Pipe Line—Scheme V.*—Acquisition in this scheme is complete. The main road with 2 cross roads have been constructed. The construction of the portion of roads (half width) near cases Nos. M/625 and 626 has been completed. Plots sold during the year under report are as under :—

| | | | |
|---|---|---|---|
| Area .. .. | 12,339 | square yards | Rs. 92,227 sale price. |

*Roads B-D, C-D and D-E between Dadar and Matunga Stations—Scheme No. VII.*—The scheme is complete so far as the acquisition is concerned. The cross roads will be completed when funds permit. Sales effected in this scheme amounted to Rs. 59,730-14-0. New plot leased during the year under report is as under :—

| | | | |
|---|---|---|---|
| Area .. .. | 33.33 | square yards | Rs. 40 yearly ground rent. |

*Two roads from Cadell Road to Mahim Foreshore near E. D. Sassoon Dye Works—Scheme No. VIII.*—The scheme is complete as far as acquisition is concerned. The value of land sold amounted to Rs. 22,192-7-0.

*Shivaji Park Scheme.*—The scheme is complete as far as acquisition is concerned. The recovery of betterment charges in case No. M/339 is partially made and the portion of the road *ex-adverso* the property is constructed after the acquisition of a small portion of the land—absorbed in the road. The proposed 40′ road between 60′ and 50′ roads round Shivaji Park laid out with kerbs on either side, is being constructed half width. Lights have been provided. Plots leased or sold during the year are as under :—

| | Area. | | | |
|---|---|---|---|---|
| Leased .. | 40,141 | square yards | Rs. 20,299 | yearly ground rent. |
| Sold .. .. | 7,167 | ,, ,, | ,, 1,17,948 | sale price. |

*Proposed road at Ganesh Peth Lane joining Husali Tank Lane with Lady Jamshedji Road—Kashibai Amri's Case No. M/798.*—This case was divided into 2 parts—Case No. M/798 and M/798A, in pursuance of Corporation Resolution No. 809 of 18th January 1937. Government denotification in respect of case No. M/798A was published under G.R.R.D. No. 2603/28 dated 22nd March 1937. The Land Acquisition Officer by his award dated 26th July 1937 has paid Rs. 1,780 inclusive of 15 per cent. for compulsory acquisition in respect of Case No. M/798A comprising of land admeasuring 258 square yards.

*Municipal land at the junction of Sandhurst Bridge and French Bridge.*—The conveyance in respect of the above triangular plot sold to Mr. D. T. Patel is now nearing completion.

*Municipal property at Bellasis Road.*—The Municipal property at Bellasis Road acquired for a Maternity Home excepting the main bungalow continued to be let and the annual realisable rent from this estate amounted to Rs. 4,450.

*Municipal Land near the Head Office.*—The lease for 3 years granted for a portion of the above land expired on 18th August 1936. The tenant thereafter continued as a monthly tenant. The annual rent realisable during the year amounted to Rs. 5,700. The proposal for the extension of the Municipal Head Office Buildings at a cost of Rs. 9,31,000 has been approved under Corporation Resolution No. 784 of 27th January 1938.

*Acquisition of land for the Sewerage Scheme for the North of the Island.*—Inquiry regarding the compensation for the remaining land of Mr. Wadia's property admeasuring 9,406 square yards was completed during the year and possession of the land was also taken over. The total amount paid for the awards inclusive of 15 per cent. for compulsory acquisition for 17 cases amounted to Rs. 1,16,140. Negotiations for the acquisition of a strip of Government land included in the scheme by amicable settlement are proceeding and they will shortly be completed.

*Land at Reay Road.*—The possession of the plot at the junction of Gunpowder Road and Reay Road could not be given to the purchaser as he refused to take it on the ground that

the plot formed the site of a filled-in tank. The matter was therefore referred to the Improvements Committee and the deposit of Rs. 2,695 paid by the party Mr. Ramjanally Alladin was forfeited as per their sanction under Resolution No. 593 of 12th January 1937 and the contract was rescinded. The purchaser has however filed a suit against the Municipality which is not yet decided.

*Cadell Road (Old Parbhadevi).*—Seven plots have been sold. Sale price amounted to Rs. 29,239-5-0.

*Plot at the junction of Arthur Road and DeLisle Road.*—The plot is sold. Sale price amounted to Rs. 2,676.

*Plot at Love Lane.*—The possession of the plot is already handed over after carrying out the necessary diversion works and the conveyance of the same is under preparation.

*Ranade Road Extension Scheme.*—A declaration for this scheme under Section 6 of the Land Acquisition Act has not so far been issued because the inquiry under Section 5-A in respect of C. S. No. 145 belonging to Mr. Bharmal Kurpal has been very much prolonged. The Collector has recently called upon the Municipality to agree to the inclusion in the scheme of a small strip of land on the south of Mr. Kurpal's property. This has now been agreed to and it is expected that the Declaration under Section 6 will shortly be issued.

Statement ' A ' attached herewith indicates progress in the disposal of Municipal lands in the year and Statement ' B ' gives the details of the collection of revenue from the buildings and lands let for purposes other than cultivation. The amount collected for rights of cultivation, tapping, etc., came to Rs. 19,190. The fall in fees is due to the cutting down of cocoanut trees standing on the lands sold.

H. B. SHIVDASANI,
*Deputy Municipal Commissioner (Improvements).*

## STATEMENT A.

The figures indicating progress in the disposal of Municipal lands in the year are as follows :—

| No. | Particulars. | No. of plots. | Area in Sq. yds. | Capital Value. |
|---|---|---|---|---|
| | | | | Rs. a. p. |
| I | Plots leased (Rent) .. .. .. .. | 59 | 31,475·40 | 11,28,564 0 0 |
| | Plots leased on premium basis .. .. | 31 | 17,857.82 | 2,97,925 12 0 |
| II | Land sold .. .. .. .. .. | 60 | 50,007·21 | 7,11,542 8 6 |
| | Total .. | 150 | 99,340·43 | 21,38,032 4 6 |
| | Corresponding figures :— | | | |
| | For 1934-35 .. .. .. .. | 61 | 43,771·36 | 10,96,995 14 6 |
| | „ 1935-36 .. .. .. .. | 108 | 71,696·38 | 31,45,502 11 0 |
| | „ 1936-37 .. .. .. .. | 110 | 75,147·00 | 29,65,700 0 0 |

## STATEMENT B.

*Collection of Revenue.*

Details of the collection of Revenue during the year 1937-38 can be seen from the following table :—

| Particulars. | Revenue. | | |
|---|---|---|---|
| | Permanent. | Temporary. | Total. |
| | Rs. | Rs. | Rs. |
| Amount of collection (Demand for the year) | 1,11,055 | 3,38,815 | 4,49,870 |
| Amount of arrears for the year .. .. | 10,634 | 2,26,298 | 2,36,932 |
| Total .. | 1,21,689 | 5,65,113 | 6,86,802 |
| Amounts collected .. .. .. .. | 98,689 | 3,52,530 | 4,51,219 |
| Amounts written off .. .. .. .. | .... | 23 | 23 |
| Arrears as on 1st April 1938 .. .. .. | 23,000 | 2,12,560 | 2,35,560 |
| „ „ „ „ 1937 .. .. .. | 10,634 | 2,26,298 | 2,36,932 |
| „ „ „ „ 1936 .. .. .. | 12,440 | 2,64,355 | 2,76,795 |

# APPENDIX A.

## CAPITAL ACCOUNT.

*(Figures in Lakhs).*

| | 1933-34. | | 1934-35. | | 1935-36. | | 1936-37. | | 1937-38. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | In the year. | To end of the year. | In the year. | To end of the year. | In the year. | To end of the year. | In the year. | To end of the year. | In the year. | To end of the year. |
| *Receipt.* | | | | | | | | | | |
| Loan | .. | 1,721·9 | .. | 1,721·9 | 14·9 | 1,736·9* | .. | 1,736·9 | .. | 1,736·9 |
| Discount or Premium | —0·1 | —14·5 | .. | —14·5 | 0·3 | —14·2 | .. | —14·2 | .. | —14·2 |
| Sale Proceeds | 11·9 | 269·6 | 9·2 | 278·8 | 14·7 | 293·5 | 19·9 | 313·4 | 21·7 | 335·1 |
| Appropriation from General Account | —12·7 | —138·6 | —13·9 | —152·5 | —19·2 | —192·6† | 1·2 | —191·4 | 5·7 | —185·7 |
| Special contribution from Government | .. | 54·0 | .. | 54·0 | .. | 54·0 | .. | 54·0 | .. | 54·0 |
| Release of Debentures lodged with Govt. | .. | .. | .. | .. | .. | .. | 0·2 | 0·2 | 42·4 | 42·6 |
| Extraordinary receipts | .. | .. | .. | .. | .. | .. | 25·1 | 25·1 | .. | 25·1 |
| Miscellaneous | .. | .. | 0·1 | 0·1 | 0·1 | 0·1 | .. | 0·1 | .. | 0·1 |
| Total | —0·9 | 1,892·4 | —4·6 | 1,887·8 | 10·7 | 1,877·7 | 46·4 | 1,924·1 | 69·8 | 1,993·9 |
| *Expenditure.* | | | | | | | | | | |
| *I—On Government and Municipal Property.* | | | | | | | | | | |
| Schedule "W" | .. | 13·1 | .. | 13·1 | .. | 13·1 | .. | 13·1 | .. | 13·1 |
| " "X" | .. | 16·2 | .. | 16·2 | .. | 16·2 | .. | 16·2 | .. | 16·2 |
| " "Y" | .. | 4·7 | .. | 4·7 | .. | 4·7 | .. | 4·7 | .. | 4·7 |
| Police Accommodation Scheme | .. | 91·6 | .. | 91·6 | .. | 91·6 | .. | 91·6 | .. | 91·6 |
| Total | .. | 125·6 | .. | 125·6 | .. | 125·6 | .. | 125·6 | .. | 125·6 |
| *II—On the Trust own acquired lands.* | | | | | | | | | | |
| Cost of Management and Establishment | 3·0 | 175·0 | 0·5 | 175·5 | 0·5 | 176·0 | 1·1 | 177·1 | 1·3 | 178·4 |
| Acquisition of land | 0·5 | 972·3 | 0·1 | 972·4 | 0·1 | 972·5 | .. | 972·5 | 2·4 | 974·9 |
| Chawls | .. | 117·3 | .. | 117·3 | .. | 117·3 | 2·9 | 120·2 | 2·3 | 122·5 |
| Roads | 0·4 | 383·0 | 0·7 | 383·7 | 0·8 | 384·5 | 1·4 | 385·9 | 3·4 | 389·3 |
| Other works | .. | 22·6 | .. | 22·6 | .. | 22·6 | 0·3 | 22·9 | 0·1 | 23·0 |
| Mills companies chawls | .. | 7·7 | .. | 7·7 | .. | 7·7 | .. | 7·7 | .. | 7·7 |
| Total | 3·9 | 1,677·9 | 1·3 | 1,679·2 | 1·4 | 1,680·6• | 5·7 | 1,686·3 | 9·5 | 1,695·8 |
| *III—Miscellaneous.* | | | | | | | | | | |
| Office Buildings | .. | 4·5 | .. | 4·5 | .. | 4·5 | .. | 4·5 | .. | 4·5 |
| Other items | .. | 13·1 | .. | 13·1 | 0·1 | †12·3 | .. | 12·3 | .. | 12·3 |
| Total | .. | 17·6 | .. | 17·6 | 0·1 | 16·8 | .. | 16·8 | .. | 16·8 |
| *IV—Disposal of Profits* | .. | 19·9 | .. | 19·9 | .. | † .. | .. | .. | .. | .. |
| *V—Debentures lodged with Government* | .. | .. | .. | .. | 42·6 | 42·6 | .. | 42·6 | .. | 42·6 |
| *VI—Repayment of Loan* | .. | .. | .. | .. | .. | .. | 19·2 | 19·2 | 29·3 | 48·5 |
| Total | 3·9 | 1,841·0 | 1·3 | 1,842·3 | 44·1 | 1,865·6 | 24·9 | 1,890·5 | 38·8 | 1,929·3 |
| Balance | —4·8 | 51·4 | —5·9 | 45·5 | —33·4 | 12·1 | 21·5 | 33·6 | 31·0 | 64·6 |

REMARKS.

*The total loan receipts as on 31st March 1936 were Rs. 1,73,688, 178-1-0, *i.e.*, Rs. 1,736.9 lakhs.

†The actual deficit at the close of 1935-36 was Rs. 1,92,64,010-7-3, *i.e.*, Rs. 192.6 lakhs as under :—

| | Lakhs. |
|---|---|
| Deficit as per last account | 171.7 |
| *Add*— | |
| (1) Difference in respect of the deficit for the year 1926-27 shown in this Appendix at Rs. 21 lakhs instead of Rs. 21.1 lakhs (the actual deficit for that year being Rs. 21.08 lakhs) | 0.1 |
| (2) Amount paid under Section 79 (3) of the Trust Act IV of 1898 on account of Government share of profits | 19.9 |
| (This was shown hitherto under the head Expenditure—IV Disposal of profits). | |
| (3) Loss on sale of securities (This was hitherto included under the head Expenditure—III Miscellaneous—other Items) | 0.9 |
| | 192.6 |

## APPENDIX B.

## ANALYSIS OF GENERAL ACCOUNT.

*Figures in Columns 2 to 12 shown in lakhs.*

| Year. | Receipts. | | | | | | Expenditure. | | | | | Balance appropriated to Capital Account | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rents. | Municipal contribution. | Share of Tobacco duty. | Interest on investment. | Miscellaneous. | Total. | Maintenance. | Municipal rates and taxes. | Interest and sinking fund. | Miscellaneous. | Total. | | |
| 1 | 2 | 3 | 3A | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| — | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | |
| 1898—99 .. | 1·9 | .. | .. | .. | .. | 1.9 | 0·1 | .. | .. | .. | 0·1 | 1·8 | Rent received in 1898-99 was mainly rent under Schedule Z. |
| 1899—1900 .. | 0·7 | .. | .. | 0·8 | .. | 1.5 | 0·2 | 0·2 | .. | .. | 0·4 | 1·1 | |
| 1900—01 .. | 0·9 | 4·8 | .. | 1·6 | .. | 7.3 | 0·3 | 0·2 | 2·2 | .. | 2·7 | 4·6 | |
| 1901—02 .. | 1·2 | 4·8 | .. | 1·5 | .. | 7.5 | 0·4 | 0·2 | 2·5 | .. | 3·1 | 4·4 | |
| 1902—03 .. | 1·4 | 5·0 | .. | 3·5 | .. | 9.9 | 0·4 | 0·2 | 4·1 | .. | 4·7 | 5·2 | |
| 1903—04 .. | 2·6 | 3·5 | .. | 2·3 | .. | 8.4 | 0·4 | 0·4 | 5·7 | 0·1 | 6·6 | 1·8 | |
| 1904—05 .. | 5·8 | 2·0 | .. | 2·7 | .. | 10.5 | 0·7 | 0 9 | 8·1 | 0·1 | 9·8 | 0·7 | |
| 1905—06 .. | 9·7 | 2.5 | .. | 1·9 | .. | 14.1 | 1·4 | 1·3 | 10·1 | 0·1 | 12·9 | 1·2 | |
| 1906—07 .. | 8·5 | 3·0 | .. | 2·1 | 0·1 | 13.7 | 1·9 | 1·1 | 11·2 | 0·1 | 14·3 | —0·6 | |
| 1907—08 .. | 8·1 | 3·6 | .. | 2·4 | 0·1 | 14.2 | 2·2 | 1·0 | 12·1 | 0·1 | 15·4 | —1·2 | |
| 1908—09 .. | 9·4 | 4·5 | .. | 1·2 | 0·1 | 15.2 | 2·5 | 0·8 | 13·0 | 0·1 | 16·4 | —1·2 | |
| 1909—10 .. | 11·4 | 7·8 | .. | 1·5 | 0·2 | 20.9 | *3·3 | 1·0 | 16·0 | 0·1 | 20·4 | 0·5 | * Includes interest paid to Government and the Municipality under Section 68 (1) of the old Act as shown below :— |
| 1910—11 .. | 14·4 | 8·9 | .. | 1·5 | 0·1 | 24.9 | *3·1 | 1·0 | 19·1 | 0·1 | 23·3 | 1·6 | |
| 1911—12 .. | 16·6 | 8·6 | .. | 2·2 | 0·1 | 27.5 | *3·0 | 1·3 | 20·2 | 0·1 | 24·6 | 2·9 | |
| 1912—13 .. | 18·0 | 9·2 | .. | 2·0 | .. | 29·2 | *2·7 | 1·0 | 20·5 | 0·1 | 24·3 | 4·9 | |
| 1913—14 .. | 20·9 | 9·3 | .. | 2·5 | .. | 32·7 | *2·4 | 1·2 | 21·4 | 0·3 | 25·3 | 7·4 | |
| 1914—15 .. | 23·0 | 9·8 | .. | 1·5 | 0·1 | 34·4 | 2·7 | 1·5 | 22·4 | 0·3 | 26·9 | 7·5 | |
| 1915—16 .. | 24·8 | 10·2 | .. | 1·5 | .. | 36·5 | 2·9 | 1·6 | 23·8 | 0·3 | 28·6 | 7·9 | |
| 1916—17 .. | 27·2 | 11·0 | .. | 2·5 | 0·1 | 40·8 | 3·1 | 1·7 | 25·8 | 0·2 | 30·8 | 10·0 | |
| 1917—18 .. | 29·8 | 11·0 | .. | 2·9 | 0·1 | 43·8 | 3·6 | 1·7 | 25·6 | 0·2 | 31·1 | 12·7 | |
| 1918—19 .. | 33·2 | 11·5 | .. | 2·0 | 0·1 | 46·8 | 3·6 | 2·0 | 25·2 | 0·2 | 31·0 | 15·8 | |
| 1919—20 .. | 35·7 | 15·2 | .. | 1·7 | 0·2 | 52·8 | 3·7 | 2·2 | 24·1 | 0·6 | 30·6 | 22·2 | |
| 1920—21 .. | 37·5 | 15·7 | .. | 5·4 | 0·5 | 59·1 | 4·0 | 2·4 | 29·4 | 1·0 | 36·8 | 22·3 | |
| 1921—22 .. | 43·4 | 15·8 | .. | 5·4 | 0·4 | 65·0 | 6·4 | 2·9 | 52·6 | 0·6 | 62·5 | 2·5 | |
| 1922—23 .. | 45·0 | 17·9 | .. | 4·9 | 0·1 | 67·9 | 7·9 | 3·5 | 64·1 | —0·5 | 75·0 | —7·1 | |
| 1923—24 .. | 44·2 | 19·1 | .. | 7·6 | 0·2 | 71·1 | 9·6 | 3·2 | 74·2 | 0·6 | 87·6 | —16·5 | |
| 1924—25 .. | 50·5 | 20·2 | .. | 6·4 | 0·4 | 77·5 | 9·0 | 4·4 | 80·6 | 0·6 | 94·6 | —17·1 | |
| 1925—26 .. | 48·7 | 22·3 | .. | 6·8 | 0·2 | 78·0 | 8·6 | 3·4 | 93·7 | 0·2 | 105·9 | —27·9 | |
| 1926—27 .. | 49·5 | 22·4 | .. | 7·2 | 3·2 | 82·3 | 9·6 | 3·6 | 90·5 | —0·3 | 103·4 | —21·1 | |
| 1927—28 .. | 48·5 | 23·1 | .. | 6·3 | 2·3 | 80·2 | 11·3 | 3·8 | 90·2 | .. | 105·3 | —25·1 | |
| 1928—29 .. | 47·6 | 23·0 | .. | 3·8 | 1·0 | 75·4 | 10·6 | 2·7 | 90·4 | .. | 103·7 | —28·3 | |
| 1929—30 .. | 51·0 | 22·9 | .. | 2·7 | 0·1 | 76·7 | 10·2 | 2·9 | 89·3 | .. | 102·4 | —25·7 | |
| 1930—31 .. | 50·2 | 23·1 | .. | 2·7 | 0·2 | 76·2 | 10·2 | 3·4 | 92·1 | .. | 105·7 | —29·5 | |
| 1931—32 .. | 49·3 | 23·5 | .. | 1·4 | 0·1 | 74·3 | c 10·5 | 3·3 | 94·3 | .. | 108·1 | —33·8 | |
| 1932—33 .. | 49·3 | 23·5 | 7·4 | 1·1 | 0·1 | 81·4 | 11·8 | 3·0 | 96·5 | .. | 111·3 | —29·9 | |
| 1933—34 .. | 49·2 | 32·9 | 11·4 | 3·9 | .. | 97·4 | 7·5 | 4·4 | 98·2 | .. | 110·1 | —12·7 | |
| 1934—35 .. | 50·9 | 33·4 | 10·9 | 3·3 | .. | 98·5 | 9·6 | 4·2 | 98·6 | .. | 112·4 | —13·9 | |
| 1935—36 .. | 50·3 | 33·4 | 9·8 | 2·8 | 0·1 | 96.4 | 9·5 | 3·8 | 102·3 | 20·8 | 136·4 | —40·0 | |
| 1936—37 .. | 51·2 | 32·2 | 11·8 | 4·9 | 0·2 | 100.3 | 10·3 | 3·6 | 85·2 | .. | 99·1 | + 1·2 | |
| 1937—38 .. | 50·6 | 34·4 | 12·4 | 4·6 | 0·6 | 102.9 | 10·5 | 3·3 | 83·1 | .. | 96·9 | 5·7 | |
| Total to end of 1937-38. | 1172·1 | 585·0 | 63·7 | 123·0 | 11·0 | 1954 8 | 211·7 | 84·3 | 1818 4 | 26·1 | 2140·5 | —185·7 | |

| Year. | Government. Rs. | Municipality. Rs. | Total. Rs. |
|---|---|---|---|
| 1909–10 .. | 65,350 | 41,241 | 1,06,591 |
| 1910–11 .. | 46,440 | 37,841 | 84,281 |
| 1911–12 .. | 61,858 | 37,276 | 99,134 |
| 1912–13 .. | 68,194 | 37,431 | 1,05,625 |
| 1913–14 .. | 54,644 | 27,668 | 82,312 |
| Total .. | 2,96,486 | 1,81,457 | 4,77,943 |

# APPENDIX

## *Particulars of Municipal (Improvements)*

| Serial No. | Name of Chawls. | Year in which site of chawls appropriated for construction of chawls. | Open spaces in the chawls site. | Area actually occupied by the buildings. | Total area of the site of chawls (Cols. 4 and 5). | Rate per sq. yard as in the year given in col. 3. | Value of site (Col. 6) as in the year given in col. 3. | Constructional cost of the chawls, including 7½% for management and establishment. | Cost of work, value of land and management and establishment charges (Cols. 8 & 9). | Interest and Sinking Fund Charges on Capital Outlay at 4.61 % on Col. 10 pto 1919 and thereafter at 6.35%. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | Sq. yds. (a) | Sq. yds. | Sq. yds. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1 | 1—4 Agripada A Chawls .. .. .. | 1900 | 4,079 | 3,206 | 7,285 | 7 | 50,995 | 1,85,505 | 2,36,500 | 10,903 |
| 2 | 5—16 ,, B ,, .. .. .. | 1903 | 5,924 | 6,001 | 11,925 | 6 | 71,550 | 5,41,639 | 6,13,189 | 28,269 |
| 3 | 31—32, 38—40, 45—46 ,, C ,, .. .. .. | 1903 | 2,825 | 3,426 | 6,251 | 6 | 37,506 | 2,79,182 | 3,16,688 | 14,599 |
| 4 | 19—24 Chandanwadi ,, .. .. .. | 1904 | 5,365 | 4,299 | 9,664 | 15 | 1,44,960 | 3,76,915 | 5,21,875 | 24,059 |
| 5 | 25—27, 29, 30 and 41 Imamwada A ,, .. .. .. | 1905 | 7,857 | 5,585 | 13,442 | 13.8 | 181,467 | 4,98,562 | 6,80,029 | 31,349 |
| 6 | 50 ,, B ,, .. .. .. | 1905 | 588 | 361 | 949 | 13.8 | 12,811 | 19,368 | 32,679 | 1,483 |
| 7 | 33—37 Mandvi-Koliwada ,, .. .. .. | 1908 | 893 | 3,276 | 4,169 | 75 | 3,12,675 | 2,76,040 | 5,88,715 | 27,140 |
| 8 | 51 Workmen's Cottages at Matunga .. | 1905 | 574 | 370 | 944 | 5 | 4,720 | 12,083 | 16,803 | 774 |
| 9 | 17, 18 Nagpada A Chawls .. .. .. | 1903 | 1,510 | 1,059 | 2,569 | 7 | 17,983 | 82,358 | 1,00,341 | 4,626 |
| 10 | 39 ,, B ,, .. .. .. | 1904 | 1,122 | 977 | 2,099 | 7 | 14,033 | 99,776 | 1,14,469 | 5,277 |
| 11 | 28 Princess Street Chawls .. .. | 1907 | 1,047 | 433 | 1,480 | 30 | 44,400 | 42,412 | 86,812 | 4,002 |
| 12 | 42—44, 47—49 Suparibaug Chawls .. .. .. | 1910 | 5,157 | 2,924 | 8,081 | 4.8 | 36,364 | 3,39,878 | 3,76,242 | 17,345 |
| 13 | 52—57 Chinch Bunder Chawls .. .. | 1913 | 4,613 | 3,883 | 8,496 | 26.66 (c) | (d) 2,26,560 | 3,79,622 | 6,06,182 | 27,918 |
| 14 | .. Cottage Blocks (Old) .. .. .. | 1920 | 2,290 | 490 | 2,780 | 10 | 27,800 | 36,069 | 63,869 | 4,050 |
| 15 | 58—61 Mahar Chawls .. .. .. .. | 1921 | 1,754 | 2,427 | 4,181 | 15 | 62,715 | 4,39,814 | 5,02,529 | 31,911 |
| 16 | 62 Pens ,, .. .. .. .. | 1921 | 2,375 | 1,044 | 3,419 | 15 | 51,285 | 1,70,863 | 2,22,148 | 14,106 |
| 17 | 63—66 Kalapani ,, .. .. .. .. | 1921 | 5,068 | 2,692 | 7,760 | 15 | 1,16,400 | 4,31,655 | 5,48,055 | 34,801 |
| 18 | 67—72 Three-room tenements Scheme 5 .. | 1922 | 4,496 | 1,113 | 5,609 | 6 | 33,654 | 2,64,717 | 2,98,371 | 18,946 |
| 19 | 73—78 Two-room tenements Scheme 6 .. | 1922 | 2,937 | 1,297 | 4,234 | 6 | 25,404 | 2,91,972 | 3,17,376 | 20,153 |
| 20 | 79—85 Cottage Blocks (New) .. .. .. | 1922 | 6,588 | 1,220 | 7,808 | 6 | 46,848 | 69,312 | 1,16,160 | 7,376 |
| 21 | Blocks 1—19 Bellasis Road Chawls .. .. .. | 1922 | 23,460 | 12,244 | 35,704 | 19 | 6,78,376 | 25,75,065 | 32,53,441 | 2,06,594 |
| 22 | 1—16 Mazagaon Chawls .. .. .. | 1922 | 19,327 | 9,754 | 29,081 | 10 | 2,90,810 | 21,77,079 | 24,67,889 | 1,56,711 |
| 23 | 1 New Kalapani Chawls .. .. .. | 1923 | 1,839 | 2,072 | 3,911 | 20 | 78,220 | 3,14,276 | 3,92,496 | 24,923 |
| 24 | 1—3 Love Lane Chawls .. .. .. | 1925 | 6,972 | 6,395 | 13,367 | 18.8 | 2,47,289 | 11,36,407 | 13,83,696 | 87,865 |
| 25 | 1—10 Sydenham Road Chawls .. .. | 1925 | 9,184 | 3,611 | 12,795 | 16 | 2,04,720 | 7,78,071 | 9,82,791 | 62,407 |
| | Total .. | .. | 1,27,844 | 80,159 | 2,08,003 | .. | 30,20,205 | 1,18,18,640 | 1,48,38,845 | 8,67,620 |

C.

*Chawls Capital Cost and Net Annual Return.*

| Full letting value per annum. | Annual profit + or loss — i.e., 48.67 of Col. 12—Col. 11. | Percentage of net Annual return (48.67% of Col. 12) of Capital Cost (Col. 10). | Number of rooms. | Number of floors including ground floor. | Land per room (Col. 6÷Col. 15). | Rent per room on 31st March 1933. | Floor area of tenement including Verandah. | Capital cost of land and works per room (Col. 10÷Col. 15). | Capital cost of work per room (Col. 9÷Col. 15). | Net profit + or loss — per room (Col. 13÷Col. 15). | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Rs. a. | Rs. | | | | Sq. yds. | Rs. a. | Sq.ft. | Rs. | Rs. | | |
| 22,671 0 | + 131 | 4.67 | 311 | 3 | 23.42 | 5 10 | 175 | 760 | 596 | + .42 | *Rs. 7-13-0 for 8 rooms being two room tenements. |
| 58,242 12 | + 78 | 4.62 | (b) 288 640 | 4 | 12.85 | *7 13 | 110 142 | 661 | 584 | + .08 | The rates per sq. yd. in Col. 7 are those which the site of chawls, given in Col. 6, could have fetched subject to the Board's usual regulations in the open market in the year given in Col. 3. |
| 31,153 8 | + 563 | 4.79 | 432 | 4 | 14.47 | 5 10 .. | 177 | 733 | 646 | + 1.3 | |
| 61,434 12 | + 5,841 | 5.73 | 674 | 4 | 14.33 | 7 7 .. | 125 | 774 | 559 | + 8.66 | |
| 65,262 12 | + 414 | 4.67 | 883 | 4 | 15.22 | 6 3 .. | 135 | 770 | 565 | + .47 | (a) This area is exclusive of the site of the weaving shed and a strip of land 6 ft. in width surrounding the shed. |
| 2,323 8 | — 352 | 3.51 | 30 | 2 | 31.63 | 6 7 .. | 160 | 1,073 | 645 | — 11.73 | |
| 55,698 0 | — 32 | 4.6 | 222 | 4 | 18.77 | 8 1 .. | 176 | 2,052 | 1,243 | — .14 | |
| 1,260 0 | — 161 | 3.65 | 15 | 1 | 62.93 | 7 0 .. | 120 | 1,120 | 805 | — 10.73 | (b) The rooms in Agripada B are of two kinds: 4 Blocks of rooms larger, measuring 142 sq. ft. and 8 Blocks smaller measuring 110 sq. ft. floor area. |
| 11,124 0 | + 788 | 5.39 | 144 | 4 | 17.84 | 6 7 .. | 148 | 697 | 572 | + 5.47 | |
| 11,124 0 | + 137 | 4.73 | 144 | 4 | 14.57 | 6 7 .. | 160 | 795 | 693 | + .95 | |
| 5,952 0 | — 1,105 | 3.34 | 64 | 4 | 23.12 | 7 12 .. | 131 | 1,356 | 662 | — 17.26 | |
| 33,480 0 | — 1,050 | 4.33 | 480 | 4 | 16.83 | (g) 5 13 .. | 176 | 784 | 708 | — 2.19 | (c) In addition to 9,755 rooms and 214 looms shown as total in Col. 15, there are in Mandvi Koliwada 26 godowns let at rents ranging from Rs. 14-14-0 to 120-0-0 per godown and 30 shops let at rates ranging from Rs. 26 to Rs. 54 per shop per month and in Chinch Bunder 27 let at Rs. 46, and 5 at Rs.58 and 1 at Rs. 54 per mensem occupying the whole of the ground floor. |
| 46,617 0 | — 5,257 | 3.74 | 372 | 2 | 22.83 | 6 4 .. | 176 | 1,629 | 1,020 | — 14.13 | |
| 3,024 0 | — 2,584 | 2.3 | 14 | 1 | 198.57 | 18 0 .. | 175 | 4,562 | 2,576 | —184.57 | |
| 28,425 12 | — 18,076 | 2.75 | 320 | 4 | 13.06 | 7 3 .. | 176 | 1,570 | 1,374 | — 56.48 | |
| 11,676 0 | — 8,423 | 2.56 | 120 | 4 | 28.49 | 8 0 .. | 176 | 1,851 | 1,424 | — 70.19 | |
| 24,384 0 | — 22,933 | 2.16 | 246 (f) 160 | 4 | 19.11 | 7 0 .. | 176 | 1,350 | 1,063 | — 56.48 | |
| 14,112 0 | — 12,078 | 2.3 | 36 | 3 | 155.55 | 35/0, 33/0, & 30/0. | 562 | 8,288 | 7,316 | — 335.5 | (d) This figure represents the value at Rs. 40 per sq. yd. of the site situated between the 25′ road and the railway and admeasuring 5,664 sq. yards. |
| 17,280 0 | — 11,743 | 2.65 | 72 | 3 | 58.8 | 22 0<br>20 0<br>19 0<br>17 0 .. | 338 | 4,408 | 4,055 | — 163.1 | |
| 2,760 0 | — 6,033 | 1.16 | 10 | 1 | 780.0 | 23 0 | 325 | 11,616 | 6,931 | — 603.3 | (e) This figure is arrived at by dividing (d) by 8,496 sq. yds. |
| 1,58,540 0 | — 1,31,866 | 2.3 | 1,510 | 4 | 23.64 | 10 0 ..<br>9 8<br>8 0 | 176 | 2,154 | 1,704 | — 87.33 | |
| 1,09,956 0 | — 1,03,195 | 2.17 | 1,300 | 4 | 22.37 | 8 8 ..<br>7 8 .. | 176 | 1,898 | 1,675 | — 79.38 | (f) Represents number of looms. |
| 21,868 8 | — 14,280 | 2.71 | 228 (f) 54 | 4 | 13.86 | 7 4 .. | 176 | 1,391 | 1,114 | — 50.64 | (g) Including Rs. 0-7-0 for electric installation charges. |
| 86,268 0 | — 45,878 | 3.03 | 816 | 4 | 16.38 | 10/8, 10/0, 9/8, 9/0, 8/8, 8/0 & 4/0. | 176 | 1,696 | 1,393 | — 56.22 | The figures in Cols. 20 and 21 given against Mandvi Koliwada and Chinch Bunder chawls are vitiated by the fact that the capital cost of the chawls includes the cost of godowns and shops on the ground floor. Omitting those chawls and the Matunga cottages (new and old) also two room and three room tenements in Scheme 6 and 5 the average cost per room is Rs. 1,390 (Land Rs. 253 and construction Rs. 1,137.) |
| 57,942 0 | — 34,207 | 2.87 | 384 | 4 | 33.32 | 10/0, 9/8, 9/0. 8/8, 20/0, 19/0 & 18. | 176 | 2,559 | 2,026 | — 89.08 | |
| 9,37,579 8 | — 4,11,301 | 3.07 | 9,755 (c) 214 (f) | 84 | .. | .. | .. | 1,488 | 1,185 | — 41.25 | |

# APPENDIX

*Number of tenements, full letting value*

| Serial No. | Description. | Let for living purposes. | Number of Tenements. | | | | | | | Monthly | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Temporarily occupied for Municipal purposes. | | Temporarily occupied by Schools. | Chawl Superintendent's quarters including Office and Stores. | Total of Columns 3 to 7. | Shops. | Godowns. | Let for living purposes. | Temporarily occupied for Municipal purposes. | Temporarily occupied for School purposes. |
| | | | Occupied by Mucadams. | Used for Office Stores. | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | 1—4 Agripada A Chawls .. .. | 274 | 1 | .. | .. | 6 | 281 | 30 | 1 Weaver's room | Rs. as. 1,558 12 | Rs. as. 5 0 | Rs. as. .. |
| 2 | 5—16, 31—32, 38, 40 „ B „ .. .. | 910 | .. | .. | .. | .. | 910 | 18 | .. | 4,581 9 | .. | .. |
| 3 | 45—46 „ C „ .. .. | 413 | .. | .. | .. | .. | 413 | 19 | .. | 2,323 2 | .. | .. |
| 4 | 19—24 Chandanwadi Chawls .. .. | 663 | 1 | .. | .. | 2 | 666 | 8 | .. | 4,931 1 | 6 0 | .. |
| 5 | 25—27, 29—30 & 41 Imamwada A Chawls .. .. | 875 | 1 | .. | .. | 7 | 883 | .. | .. | 5,414 1 | 5 0 | .. |
| 6 | 50 „ B „ .. .. | 30 | .. | .. | .. | .. | 30 | .. | .. | 193 10 | .. | .. |
| 7 | 33—37 Mandvi-Koliwada Chawls .. .. | 222 | .. | .. | .. | .. | 222 | 30 | 26 | 1,789 14 | .. | .. |
| 8 | 51 Cheap Workmen's Cottages, Matunga | 15 | .. | .. | .. | .. | 15 | .. | .. | 105 0 | .. | .. |
| 9 | 17—18 Nagpada A Chawls .. .. | 144 | .. | .. | .. | .. | 144 | .. | .. | 927 0 | .. | .. |
| 10 | 39 „ B „ .. .. | 144 | .. | .. | .. | .. | 144 | .. | .. | 927 0 | .. | .. |
| 11 | 28 Princess Street Chawls .. .. | 64 | .. | .. | .. | .. | 64 | .. | .. | 496 0 | .. | .. |
| 12 | 42—44, 47—49 Suparibaugh Chawls .. .. | 478 | .. | 2 | .. | .. | 480 | .. | .. | 2,778 6 | 11 10 | .. |
| 13 | 52—57 Chinch Bunder Chawls .. .. | 371 | 1 | .. | .. | .. | 372 | .. | 33 | 2,318 12 | 5 0 | .. |
| 14 | 58—61 Mahar Chawls .. .. .. | 319 | 1 | .. | .. | .. | 320 | 4 | .. | 2,292 13 | 6 0 | .. |
| 15 | 62 Peons Chawls .. .. .. | 117 | .. | .. | .. | .. | 117 | 3 | .. | 936 0 | .. | .. |
| 16 | 63—66 Kalapani Chawls .. .. .. | 240 | .. | .. | .. | 6 | 246 | .. | 160 Looms | 1,680 0 | .. | .. |
| 17 | 67—72 Three-room tenements, Matunga .. | 36 | .. | .. | .. | .. | 36 | .. | .. | 1,176 0 | .. | .. |
| 18 | 73—78 Two-room tenements „ .. | 72 | .. | .. | .. | .. | 72 | .. | .. | 1,440 0 | .. | .. |
| 19 | 79—85 Ground floor Cottages „ (New). | 10 | .. | .. | .. | .. | 10 | .. | .. | 230 0 | .. | .. |
| 20 | 86—95 „ „ „ (Old). | 14 | .. | .. | .. | .. | 14 | .. | .. | 252 0 | .. | .. |
| 21 | BlK 1—19 Bellasis Road Chawls .. .. | 1,498 | 1 | .. | 5 | 6 | 1,510 | 6 | .. | 12,566 0 | 6 0 | 46 0 |
| 22 | 1—16 Mazagaon Chawls .. .. .. | 1,274 | 1 | .. | 18 | 6 | 1,299 | 1 | .. | 9,000 8 | 6 0 | 109 8 |
| 23 | 1 New Kalapani Chawls .. .. | 228 | .. | .. | .. | .. | 228 | 6 | 54 Looms | 1,596 0 | .. | .. |
| 24 | 1—3 Love Lane Chawls .. .. .. | 789 | .. | .. | .. | 6 | 795 | 21 | .. | 6,651 0 | .. | .. |
| 25 | 1—10 Sydenham Road Chawls .. .. | 377 | 1 | 1 | 1 | 3 | 383 | 1 | .. | 4,743 0 | 14 8 | 19 0 |
| | Total .. | 9,577 | 8 | 3 | 24 | 42 | 9,654 | 147 | 59 214 | 70,907 8 | 65 2 | 174 8 |

*Note (V)* :—The full letting value, is less than the gross demand due to reduction in rents in October 1937. 417 rooms were occupied by Municipal peons in lieu of house rent allowances; 356 rooms at concessional rates for special user; and 756 rooms at concessional rates to public bodies and institutions.

D.

*and permissible actual population.*

| rent as on 31-3-1938. | | | | | | Maximum permissible Population in adults. | | | Actuals in January 1938. | | Population per acre in Largest groups. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chawl Superintendent's Quarters including Office and Store. | Total of Columns 11 to 14. | Shops. | Godowns. | Total of Columns 15 to 17. | 12 times of Column 18. | Total tenements. | Population per tenement. | Total population. | Persons. | Equivalent adults. | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Rs. as. (*a*) 20 0 | Rs. as. 1,583 12 | Rs. as. 302 8 | Rs. as. 3 0 Weaver's room. | Rs. as. 1,889 4 | Rs. as. 22,671 0 | 311 | 5 | 1,555 | 1,083 | 987 | | (*a*) Rs. 15 for Chawl Superintendent's quarters and Rs. 5 for office use. |
| .. | 4,581 9 | 272 0 | .. | 4,853 9 | 58,242 12 | 928 | 4½<br>3 | 1,296<br>1,920 | 2,804 | 2,595 | 806 | (*b*) Rs. 15 for Chawl Superintendent's quarters and Rs. 2-8 for office use.<br>(*c*) Rs. 15 for Chawl Superintendent's quarters and Rs. 4-8 for office use. |
| .. | 2,323 2 | 273 0 | .. | 2,596 2 | 31,153 8 | 432 | 5 | 2,160 | 1,603 | 1,516 | | (*d*) Rs. 15 for Chawl Superintendent's quarters and Rs. 7 for office use. |
| (*b*) 17 8 | 4,954 9 | 165 0 | .. | 5,119 9 | 61,434 12 | 674 | 3½ | 2,359 | 2,377 | 2,063 | 1,039 | (*e*) Rs. 19 for Chawl Superintendent's quarters. He uses two vacant rooms as office and store room. |
| (*c*) 19 8 | 5,438 9 | .. | .. | 5,438 9 | 65,262 12 | 883 | 4 | 3,532 | 2,228 | 2,019 | | *Scale of monthly rents of living rooms—* |
| .. | 193 10 | .. | .. | 193 10 | 2,323 8 | 30 | 5 | 150 | 106 | 95 | 723 | I Agripada 4 Blocks—266 rooms at Rs. 5-10-0 and 8 at Rs. 7-13-0. |
| .. | 1,789 14 | 1,030 0 | 1,821 10 | 4,641 8 | 55,698 0 | 222 | 5 | 1,110 | 842 | 759 | 671 | Agripada 12 Blocks—283 at Rs. 5-4-0 and 627 at Rs. 4-15-0. |
| .. | 105 0 | .. | .. | 105 0 | 1,260 0 | 15 | 5 | 75 | .. | .. | .. | Agripada 6 Blocks—413 at Rs. 5-10-0. |
| .. | 927 0 | .. | .. | 927 0 | 11,124 0 | 144 | 5½ | 792 | 619 | 582½ | | |
| .. | 927 0 | .. | .. | 927 0 | 11,124 0 | 144 | 5½ | 792 | 618 | 580½ | 1,102 | II Chandanwadi Chawls—663 at Rs. 7-7-0. Princess Streets Chawls—64 at Rs. 7-12-0. |
| .. | 496 0 | .. | .. | 496 0 | 5,952 0 | 64 | 4 | 256 | 257 | 223 | .. | III Imamwada Chawls—875 at Rs. 6-3-0 and 30 at Rs. 6-7-0. |
| .. | 2,790 0 | .. | .. | 2,790 0 | 33,480 0 | 480 | 5 | 2,400 | 1,508 | 1,335 | .. | Nagpada Chawls—288 at Rs. 6-7-0. |
| .. | 2,323 12 | .. | 1,561 0 | 3,884 12 | 46,617 0 | 372 | 5 | 1,860 | 1,573 | 1,398 | 793 | IV Mandvi-Koliwada Chawls—222 at Rs. 8-1-0. |
| .. | 2,298 13 | 70 0 | .. | 2,368 13 | 28,425 12 | 320 | 5 | 1,600 | 1,184 | 1,105 | .. | V Matunga Workmen's Cottages—15—at Rs. 7-0-0. Three Room tenements—12 at Rs. 35, 12 at Rs. 33 and 12 at Rs. 30. |
| .. | 936 0 | 37 0 | .. | 973 0 | 11,676 0 | 120 | 5 | 600 | 354 | 337 | .. | Two room tenements—24 at Rs. 22, 24 at Rs. 20, 12 at Rs. 19 and 12 at Rs. 17. |
| (*d*) 22 0 | 1,702 0 | .. | 330 0 Looms | 2,032 0 | 24,384 0 | 246 | 5 | 1,230 | 650 | 596 | 378 | VI Cottages { Old 14 at Rs. 18. New 10 at Rs. 23. |
| .. | 1,176 0 | .. | .. | 1,176 0 | 14,112 0 | 36 | .. | .. | .. | .. | .. | VII Suparibaugh Chawls—480 at Rs. 5-13-0. |
| .. | 1,440 0 | .. | .. | 1,440 0 | 17,280 0 | 72 | .. | .. | .. | .. | .. | VIII Chinch-Bunder Chawls—371 at Rs. 6-4-0. |
| .. | 230 0 | .. | .. | 230 0 | 2,760 0 | 10 | .. | .. | .. | .. | .. | IX Mahar Chawls—319 at Rs. 7-3-0, Peon's Chawls 117 at Rs. 8. Old Kalapani Chawls 240 at Rs. 7. New Kalapani Chawls 228 at Rs. 7-4. |
| .. | 252 0 | .. | .. | 252 0 | 3,024 0 | 14 | .. | .. | .. | .. | .. | |
| (*d*) 22 0 | 12,640 0 | 155 0 | .. | 12,795 0 | 1,53,540 0 | 1,510 | 5 | 7,550 | 4,800 | 4,453 | .. | X Bellasis Road Chawls—191 at Rs. 10, 112 at Rs. 9-8-0 and 1,199 at Rs. 8. |
| (*d*) 22 0 | 9,138 0 | 25 0 | .. | 9,163 0 | 1,09,056 0 | 1,300 | 5 | 6,500 | 5,605 | 5,323 | .. | XI Mazagaon Chawls—255 at Rs. 7-8-0, 1,024 at Rs. 7-0-0 and 14 at Rs. 4. |
| .. | 1,596 0 | 115 0 | 111 6 Looms | 1,822 6 | 21,868 8 | 228 | 5 | 1,140 | 368 | 339 | 377 | XII Sydenham Road Chawls—15 at Rs. 10, 16 at Rs. 9-8-0, 119 at Rs. 9, 95 at Rs. 8-8-0, 48 at Rs. 20, 70 at Rs. 19 and 18 at Rs. 18. |
| (*d*) 22 0 | 6,673 0 | 516 0 | .. | 7,189 0 | 86,268 0 | 816 | 5 | 4,080 | 2,327 | 2,089 | .. | |
| (*e*) 34 0 | 4,810 8 | 18 0 | .. | 4,828 8 | 57,942 0 | 384 | 5 | 1,920 | 1,229 | 1,096½ | .. | XIII Love Lane Chawls—12 at Rs. 10-8, 21 at Rs. 10, 25 at Rs. 9-8-0, 30 at Rs. 9, 479 at Rs. 8-8-0, 212 at Rs. 8 and 10 at Rs. 4. |
| 179 0 | 71,326 2 | 2,978 8 | 3,382 10<br>441 6<br>3 0 | 78,131 10 | 9,37,579 8 | 9,755 | .. | 44,877 | 32,135 | 29,490½ | | |

*Note:*—(*i*)— Total number of rooms including all shops, looms, and godowns —10074 (Columns 8 to 10) Weaver's room excluded.

(*ii*)—Figures in column 20 while including Chawls Superintendent's quarters does not include shops, godowns and looms in respect of Mandvi-Koliwada, Chinch Bunder, Kalapani (Old and New) and Bellasis Road Chawls.

(*iii*)—Figures in Column 25 are obtained by distributing the actual population (Column 23) over the area made up of chawl site *plus* half the area of adjacent streets and in case of Mandvi-Koliwada Chawls, 20′ strip along the adjacent Railway.

*IV*—Municipal servants who are paid house rent allowance are given in lieu thereof free accommodation in (1) New Kalapani Chawls, (2) Sydenham Road Chawls, (3) Bellasis Road Chawls, (4) Mazagaon Chawls, (5) Love Lane Chawls and (6) Imamwada Chawls. Rent charged for the purpose of adjustment is Rs. 6 per month per room.

## APPENDIX E.

*Statement showing dishousing and rehousing operations on Estates since the commencement of the late Trust.*

| YEAR. | Number of tenements demolished upto the end of the year. | | | | NUMBER OF TENEMENTS PROVIDED UPTO THE END OF THE YEAR. | | | | | | | | | | | | | | | | | Net addition + or deduction— No. of tenements in City through operation of the ex-Trust. | | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | In Chawls. | | | In Police Accommodation, Poorer Classes Accommodation, Companies and the B.D.D. Chawls. | | | | | In Lessees' Buildings. | | | | | Total. | | | | | | | |
| | One Room. | Two Rooms. | Larger. | Total. | Permanent. | S. P. Sheds. | Total. | One Room. | Two Rooms | Larger. | Servt.'s quarters | Total. | One Room. | Two Rooms. | Larger. | Servt.'s quarters | Total. | One Room. | Two Rooms. | Larger. | Servt.'s quarters | Grand Total. | In year. | To end of year. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1898-99 to 1936-37. | 26,156 | 5,296 | 3,579 | 35,031 | 9,716 | 2,363 | 12,079 | 18,197 | 51 | 145 | 162 | 18,555 | 13,758 | 4,609 | 7,316 | 2,115 | K 27,798 | 44,034 | 4,660 | 7,461 | 2,277 | 58,432 | 2,3401 | 23,401 | K. Includes :— Tenements for plots Nos. 101, 102, 103, 104 105, & 26, Scheme No. 3 and plots Nos. 4, 5, 6, 11, 11A, 12, 25 & 27. Scheme No. 29 which are now owned by the Corporation. The total number of tenements being 634 in all including shops and godowns. |
| 1937-38 .. .. | 1,259 | 18 | 9 | 1,286 | .. | 309 | 309 | .. | .. | .. | .. | .. | 1,076 | 1,307 | 710 | 34 | 3,127 | 1,385 | 1,307 | 710 | 34 | 3,436 | + 2,150 | + 2,150 | |
| Total .. | 27,415 | 5,314 | 3,588 | 36,317 | 9,716 | 2,672 | 12,388 | 18,197 | 51 | 145 | 162 | 18,555 | 14,834 | 5,916 | 8,026 | 2,149 | 30,925 | 45,419 | 5,967 | 8,171 | 2,311 | 61,868 | 25,551 | 25,551 | |
| 1898-1905 .. .. | 4,110 | 479 | 291 | 4,880 | 597 | .. | 597 | .. | .. | .. | .. | .. | 187 | 36 | 154 | 340 | 717 | 784 | 36 | 154 | 340 | 1,314 | — 3,566 | — 3,566 | |
| 1905-1909 .. .. | 7,191 | 1,680 | 862 | 9,733 | 2,247 | 248 | 2,495 | 778 | 4 | 11 | 26 | 819 | 505 | 173 | 401 | 415 | 1,494 | 3,778 | 177 | 412 | 441 | 4,808 | — 4,925 | — 8,491 | |
| 1909-1938 .. .. | 16,114 | 3,155 | 2,435 | 21,704 | 6,872 | 2,424 | 9,296 | 7,419 | 47 | 134 | 136 | 17,736 | 14,142 | 5,707 | 7,471 | 1,394 | 28,714 | 40,857 | 5,754 | 7,605 | 1,530 | 55,746 | 34,042 | 25,551 | |
| Grand total to end of March 1938. | 27,415 | 5,314 | 3,588 | 36,317 | 9,716 | 2,672 | 12,388 | 18,197 | 51 | 145 | 162 | 18,555 | 14,834 | 5,916 | 8,026 | 2,149 | 30,925 | 45,419 | 5,967 | 8171 | 2,311 | 61,868 | + 25,551 | 25,551 | |

## APPENDIX F.

Area, Capital Value and Rental are shown in thousands.
*(The Capital Value in columns 4 and 12 is inclusive of premia and fine.)*

| Estate. | Disposed of to end of 1936-37. | | | | Disposed of in 1937-38. | | | | Disposed of to end of 1937-38. | | | | Balance available for leasing. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Schedule W. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | (a) Includes Rs. 4,50,000 for premia and Rs. 4,180 for fine. |
| Flats .. .. | 12 | 268·5 | 10,57 | 19·0 | .. | .. | .. | .. | 12 | 268·5 | (a) 10,57 | † 19·0 | .. | .. | .. | .. | † Rs. 2,36,440 premia received during the last five years. |
| Kennedy Sea Face . | 1 | 4·4 | 0·2 | 0·01 | .. | .. | .. | .. | 1 | 4·4 | 0·2 | 0·01 | .. | .. | .. | .. | |
| Hornby Road .. | 38 | 56·1 | 21,17 | 91·0 | .. | .. | .. | .. | 38 | 56·1 | (b) 21,17 | 91·0 | .. | .. | .. | .. | (b) Includes Rs. 42,049 for premia. |
| Marine Lines (including Admiral's Bungalow) .. | 21 | 41·1 | 7,98 | 35·5 | .. | .. | .. | .. | 21 | 41·1 | (c) 7,98 | 35·5 | .. | .. | .. | .. | (c) Includes Rs. 8,341 for premia. |
| Wellington Lines .. | 16 | 32·0 | 7,74 | 30·7 | .. | .. | .. | .. | 16 | 32·0 | (d) 7,74 | 30·7 | .. | .. | .. | .. | (d) Includes Rs. 6,020 for premia. |
| Wodehouse Road .. | 20 | 40·5 | 8,02 | 34·6 | .. | .. | .. | .. | 20 | 40·5 | (e) 8,02 | 34·6 | .. | .. | .. | .. | (e) Includes Rs. 7,700 for premia. |
| Chaupati East .. | 8 | 4·3 | 1,57 | 7·9 | .. | .. | .. | .. | 8 | 4·3 | 1,57 | ‡ 7·9 | .. | .. | .. | .. | ‡ Rs. 3,259 premia received in 1932-33. |
| Chaupati West (including old Distillery Plot) .. | 45 | 97·6 | 17,36 | 81·9 | .. | .. | .. | .. | 45 | 97·6 | (f) 17,37 | § 81·9 | .. | .. | .. | .. | (f) Includes Rs. 38,514 for premia and Rs. 5,000 for fine. |
| | | | | | | | | | | | | | | | | | § Rs. 1,064 premia received in 1932-33. |
| Carried forward .. | 161 | 544·5 | 74,41 | 300·6 | .. | .. | .. | .. | 161 | 544·5 | 74,42 | 300·6 | .. | .. | .. | .. | |

## APPENDIX F.

Area, Capital Value and Rental are shown in thousands.

(*The Capital Value in columns 4 and 12 is inclusive of premia and fine.*)

| Estate. | Disposed of to end of 1936-37. | | | | Disposed of in 1937-38. | | | | Disposed of to end of 1937-38. | | | | Balance available for leasing. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | |
| Brought over .. | 161 | 544·5 | 74,41 | 300·6 | .. | .. | .. | .. | 161 | 544·5 | 74,42 | 300.6 | .. | .. | .. | .. | (*g*) Two plots (Schedule Plots Nos. 4 and 5) acquired by Government. |
| Schedule X. | 156 | 234·4 | 24,31 | 106·8 | 2 | 2·1 | 43 | 2·4 | (*g*) 158 | 236·5 | (*h*) 24,74 | * 108·3 | 4 | 5·4 | 80 | 4·5 | (*h*) Includes Rs. 26,774-8-0 for premia and Rs. 10,834 for fine. |
| Connaught Road .. | 17 | 12·2 | 96 | 4·2 | .. | .. | .. | .. | 17 | 12·2 | (*i*) 96 | 4·2 | .. | .. | .. | .. | * Rs. 17,776 premia received in 1934-35 & Rs. 20,915-0 commutation amount received during the year. |
| Lands at Matunga.. | 1 | 1·6 | .. | .. | .. | .. | .. | .. | 1 | 1·6 | .. | .. | .. | .. | .. | .. | (*i*) Includes Rs. 3,594 for fine. |
| | 174 | 248·2 | 25,27 | 111·0 | .. | .. | .. | .. | 176 | 250·3 | 25,70 | 112·5 | 4 | 5·4 | 80 | 4·5 | |
| Schedule Y. | | | | | | | | | | | | | | | | | |
| Colaba Reclamation. | 36 | 53·8 | 23,86 | 106·7 | .. | .. | .. | .. | 36 | 53·8 | (*j*) 23,86 | 106·7 | .. | .. | .. | .. | (*j*) Includes Rs. 8,293 for premia and Rs. 3,270 for fine. |
| Nepean Sea Road Reclamation .. | 1 | 2·0 | 14 | 0·6 | .. | .. | .. | .. | 1 | 2·0 | 14 | 0·6 | .. | .. | .. | .. | |
| | 37 | 55·8 | 24,00 | 107·3 | .. | .. | .. | .. | 37 | 55·8 | 24,00 | 107·3 | .. | .. | .. | .. | |
| Schedule Z .. | 1 | 3·2 | 5 | 0·2 | .. | .. | .. | .. | 1 | 3·2 | 5 | 0·2 | .. | .. | .. | .. | |
| Carried forward .. | 373 | 851·7 | 1,23,73 | 519·1 | 2 | 2·1 | 43 | 2·4 | 375 | 853·8 | 12417 | 520·6 | 4 | 5·4 | 80 | 4·5 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Trust's Own Property.** | | | | | | | | | | | | | | | | | |
| First Nagpada .. | 64 | 47·0 | 8,26 | 35·4 | .. | .. | .. | .. | 64 | 47·0 | (k) 8,26 | ‡ 35·4 | .. | .. | .. | .. | (k) Includes Rs. 100 for fine and Rs. 10,412 for premia.<br>‡ Rs. 21,293-5-6 commutation amount received in 1932-33. |
| Princess Street .. | 117 | 72·8 | 94,83 | 393·4 | .. | .. | .. | .. | 117 | 72·8 | (l) 94,83 | § 393·4 | .. | .. | .. | .. | (l) Includes Rs. 1,83,432 for premia and Rs. 4,000 for fine.<br>§ Rs. 4,44,755 commutation amount and Rs. 1,560 premia received during the last 5 years. |
| Sandhurst Road .. | 190 | 141·4 | 93,86 | 367·8 | .. | .. | .. | .. | 190 | 141·4 | (m) 93,99 | ¶ 364·3 | 5 | 3·0 | 2,36 | 13·1 | (m) Includes Rs. 2,86,163 for premia and Rs. 24,505 for fine.<br>¶ Rs. 7,94,106 commutation amount and Rs. 1,54,385-13-6 premia received during the last 6 years. |
| Gamdevi .. .. | 119 | 101·7 | 23,14 | 83·0 | .. | .. | .. | .. | 119 | 101·7 | (n) 23,17 | §§ 83·0 | .. | .. | .. | .. | (n) Includes Rs. 2,92,367-8-0 for premia and Rs. 3,500 for fine.<br>§§ Rs. 1,56,692 commutation amount received during the last 6 years. |
| Dadar-Matunga .. | 963 | 966·8 | 1,06,83 | 408·6 | 49 | 37·2 | 474 | 21·9 | 1,012 | 1004·0 | (o) 1,11,80 | * 415·9 | 8 | 8·3 | 1,19 | 6·6 | (o) Includes Rs. 8,45,179-15-0 for premia and Rs. 4,683 for fine.<br>* Rs. 9,78,184-4-0 commutation amount and Rs. 9,22,489-2-0 premia received during the last 6 years. |
| Carried over .. | 1,453 | 1,329·7 | 3,26,92 | 1288·2 | 49 | 37·2 | 474 | 21·9 | 1,502 | 1366·9 | 3,32,05 | 1292·0 | 13 | 11·3 | 3,55 | 19·7 | |
| Carried over .. | 373 | 851·7 | 1,23,73 | 519·1 | 2 | 2·1 | 43 | 2·4 | 375 | 853·8 | 1,24,17 | 520·6 | 4 | 5·4 | 80 | 4·5 | |

APPENDIX F—*contd.*

Area, Capital Value and Rental are shown in thousands.

(*The Capital Value in columns 4 and 12 is inclusive of premia and fine.*)

| Estate. | Disposed of to end of 1936-37. | | | | Disposed of in 1937-38. | | | | Disposed of to end of 1937-38. | | | | Balance available for leasing. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | |
| Brought over .. | 373 | 851·7 | 1,23,73 | 519·1 | 2 | 2·1 | 43 | 2·4 | 275 | 853·8 | 1,24,17 | 520·6 | 4 | 5·4 | 80 | 4·5 | |
| Brought over .. | 1,453 | 1,329·7 | 3,26,92 | 1,288·2 | 49 | 37·2 | 4,74 | 21·9 | 1,502 | 1,366·9 | 3,32,05 | 1,292·0 | 13 | 11·3 | 3,55 | 19·7 | |
| Sion-Matunga .. | 6 | 14·0 | 1,65 | 2·5 | 4 | 5·5 | 45 | 1·6 | 10 | 19·5 | (*p*) 2,10 | (†) 2·1 | 114 | 97·8 | 8,18 | 45·4 | (*p*) Includes Rs. 67,071 for premia.<br>(†) Rs. 44,932 premia received during the year. |
| Mandvi-Koliwada .. | 33 | 19·3 | 20,05 | 85·5 | .. | .. | .. | .. | 33 | 19·3 | (*q*) 20,05 | * 85·5 | .. | .. | .. | .. | (*q*) Includes Rs. 64,055 for premia.<br>* Rs. 30,456 commutation amount received in 1932-33. |
| Souter Street Extension Eastward .. .. | 4 | 3·1 | 42 | 1·7 | .. | .. | .. | .. | 4 | 3·1 | (*r*) 42 | 1·7 | .. | .. | .. | .. | (*r*) Includes Rs. 2,800 for premia. |
| Mathew Road .. | 21 | 34·5 | 12,99 | 47·8 | .. | .. | .. | .. | 21 | 34·5 | (*s*) 12,99 | 47·8 | .. | .. | .. | .. | (*s*) Includes Rs. 2,61,973 for premia. |
| Nowroji Hill .. | 85 | 57·3 | 37,70 | 135·6 | 2 | 1·2 | 26 | .. | † 86 | 57·9 | (*t*) 37,11 | ‡ 129·9 | 50 | 30·0 | 18,72 | 104·0 | † One Plot resumed during the year.<br>(*t*) Includes Rs. 1,96,507 for premia.<br>(*) Rs. 6,41,882-11-0 premia and Rs. 2,56,466 commutation amount received during the last 6 years. |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parel Road .. | 185 | 168·5 | 35,59 | 151·2 | .. | .. | .. | .. | 185 | 168·5 | (u) 35,62 | * 150·1 | 44 | 29·1 | 5,44 | 30·2 | (u) Includes Rs. 1,09,645-8-0 for premia and Rs. 13,550 for fine.<br>* Rs. 94,129 commutation amount and Rs. 1,23,314 premia received during the last 6 years. |
| East Agripada .. | 56 | 83·5 | 14,16 | 66·6 | .. | .. | .. | .. | 56 | 83·5 | (v) 14,16 | † 66·6 | 41 | 24·6 | 6,65 | 37·0 | (v) Includes Rs. 39,938 for premia.<br>† Rs. 17,395 premia received during the last 2 years. |
| Bhatwadi .. | 10 | 5·2 | 1,14 | 3·8 | .. | .. | .. | .. | 10 | 5·2 | (w) 1,14 | ‡ 3·8 | .. | .. | .. | .. | (w) Includes Rs. 20,484 for premia and Rs. 200 for fine.<br>‡ Rs. 7,434 commutation amount received in 1932-33. |
| Lamington Road .. | 1 | 0·3 | 13 | 0·6 | .. | .. | .. | .. | 1 | 0·3 | 13 | 0·6 | .. | .. | .. | .. | |
| Sydenham Road .. | 46 | 18·7 | 37,46 | 120·6 | 6 | 1·9 | 2,73 | 11·4 | 52 | 20·6 | (x) 40,19 | § 131·1 | 36 | 14·4 | 23,23 | 129·0 | (x) Includes Rs. 2,26,369 for premia and Rs. 500 for fine.<br>§ Rs. 12,19,400-0-0 premia and Rs. 49,812 commutation amount received during the last 6 years. |
| Undria Street .. | 8 | 2·0 | 59 | 2·5 | 4 | 1·2 | 32 | 1·8 | 12 | 3·2 | 91 | §§ 4·3 | 7 | 1·8 | 45 | 2·5 | §§ Rs. 11,132 premia received last year. |
| Parel Road, Central | 28 | 31·4 | 12,10 | 57·5 | 1 | 1·3 | 36 | .. | 29 | 32·7 | (y) 12,46 | ¶ 57·5 | 3 | 1·5 | 2,94 | 16·3 | (y) Includes Rs. 2,780 for premia.<br>¶ Rs. 48,816 commutation amount and Rs. 1,29,448 premia received during the last 3 years. |
| Parel Road, Northern.. .. | 42 | 34·3 | 12,86 | 57·6 | 3 | 2·2 | 93 | 5·2 | 45 | 36·5 | (z) 13,79 | ‡‡ 59·0 | 6 | 3·8 | 1,57 | 8·7 | (z) Includes Rs. 40,403 for premia and Rs. 4,448 for fine.<br>‡‡ Rs. 1,73,908 premia received during the last 6 years. |
| Carried forward.. | 1,978 | 1,801·8 | 5,13,76 | 2,021·7 | 69 | 50·5 | 9,79 | 41·9 | 2,046 | 1,851·7 | 5,23,12 | 2,032·0 | 314 | 214·3 | 70 73 | 392·8 | |
| Carried forward.. | 373 | 851·7 | 1,23,73 | 519·1 | 2 | 2·1 | 43 | 2·4 | 375 | 853·8 | 1,24,17 | 520·6 | 4 | 5·4 | 80 | 4·5 | |

Area, Capital Value and Rental are shown in thousands.

(*The Capital Value in columns* 4 *and* 12 *is inclusive of premia and fine.*)

| Estate. | Disposed of to end of 1936-37. | | | | Disposed of in 1937-38. | | | | Disposed of to end of 1937-38. | | | | Balance available for leasing. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | |
| Brought over .. | 373 | 851·7 | 1,23,73 | 519·1 | 2 | 2·1 | 43 | 2·4 | 375 | 853·8 | 1,24,17 | 520·6 | 4 | 5·4 | 80 | 4·5 | |
| Brought over .. | 1,978 | 1801·8 | 5,13,76 | 2,021·7 | 69 | 50·5 | 9,79 | 41·9 | 2,046 | 1851·7 | 5,23,12 | 2,032·0 | 314 | 214·3 | 70,73 | 392·8 | |
| Mazagaon .. .. | 7 | 46·5 | 7,64 | 36·7 | .. | .. | .. | .. | 7 | (a) 46·5 | 7,64 | 36·7 | 10 | 6·4 | 1,48 | 8·2 | (a) Includes Rs. 25,025 for premia. |
| Worli .. .. | 46 | 110·7 | 17,96 | 47·2 | 47 | 117·4 | 19,96 | 77·9 | 93 | 228·1 | (b) 37,94 | †† 125·1 | 148 | 423·3 | 55,53 | 308·5 | (b) Includes Rs. 79,851-8-0 for premia. †† Rs. 11,39,062 premium received during the last 5 years. |
| Foras Road Street Scheme .. .. | 5 | 29·1 | 6,41 | 35·1 | .. | .. | .. | .. | 5 | 29·1 | (c) 6,41 | 35·1 | 4 | 3·5 | 1,28 | 7·1 | (c) Includes Rs. 4,815 for premia. |
| Kolbhatwadi Impts. Scheme .. | 17 | 8·9 | 16,96 | 57·4 | .. | .. | .. | .. | 17 | 8·9 | (d) 16,96 | † 57·4 | .. | .. | .. | .. | (d) Includes Rs. 2,05,800 for premia. † Rs. 1,61,280 commutation amount and Rs. 91,800 premia received during the last 6 years. |
| Dharavi Street Scheme .. .. | 4 | 103·1 | 5,72 | .. | .. | .. | .. | .. | 4 | 103·1 | (e) 5,72 | .. | 5 | 28·5 | 1,85 | 10·3 | (e) Includes Rs. 2,82,898 for premia. |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sewri-Wadala .. .. | 5 | 26·8 | 1,82 | 8·2 | .. | .. | .. | .. | 5 | 26·8 | (f) 182 | * 8·2 | .. | .. | .. | .. |
| Worli Extension Scheme .. .. | 2 | 4·8 | 97 | .. | 1 | 1·1 | 30 | 1·7 | 3 | 5·9 | (g) 127 | † 1·7 | 27 | 28·6 | 3,71 | 20·6 |
| Naigaum Street Scheme .. .. | 70 | 159·3 | 29,75 | 69·2 | 24 | 15·9 | 2,51 | 12·6 | 94 | 175·2 | (h) 32,27 | ‡ 78·5 | 111 | 87·2 | 12,71 | 70·6 |
| Fergusson Road .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 0·8 | 14 | 0·8 |
| Love Lane .. .. | 4 | 20·6 | 5,48 | 16·1 | 1 | 1·4 | 5 | .. | 5 | 22·0 | (i) 5,53 | $ 16·1 | .. | .. | .. | .. |
| Mahalaxmi Street Scheme .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1·1 | 12 | 0·7 |
| Total .. | 2,138 | 2,311·6 | 6,06,47 | 2,291·6 | 142 | 186·3 | 32,61 | 134·1 | 2,279 | 2,497·3 | 6,38,68 | 2,390·8 | 621 | 793·7 | 1,47,55 | 819·6 |
| *Police Accommodation Schemes.* | | | | | | | | | | | | | | | | |
| 14, Nagpada .. | 1 | 4·0 | 72 | 3·2 | .. | .. | .. | .. | 1 | 4·0 | 72 | 3·2 | .. | .. | .. | .. |
| 16, Wodehouse Road | 1 | 6·6 | 76 | 3·4 | .. | .. | .. | .. | 1 | 6·6 | 76 | 3·4 | .. | .. | .. | .. |
| 17, Duncan Road .. | 1 | 0·3 | 38 | 1·7 | .. | .. | .. | .. | 1 | 0·3 | 38 | 1·7 | .. | .. | .. | .. |
| Carried over .. | 3 | 10·9 | 1,86 | 8·3 | .. | .. | .. | .. | 3 | 10·9 | 1,86 | 8·3 | .. | .. | .. | .. |
| Carried forward.. | 2,511 | 3,163·3 | 7,30,20 | 2,810·7 | 144 | 188·4 | 33,04 | 136·5 | 2,654 | 3,351·1 | 7,62,85 | 2,911·4 | 625 | 799·1 | 1,48,35 | 824·1 |

(f) Includes Rs. 24,000 for premia.
* Rs. 11,000 premia received during the last 6 years.
(g) Includes Rs. 41,055 for premia.
† Rs. 15,000 premia received during the year.
(h) Includes Rs. 4,58,536 for premia.
‡ Rs. 4,28,894 for premia and Rs. 32,256 Commutation amount received during the last six years.
(i) Includes Rs. 1,13,762 for premia.
$ Rs. 5043-8-0 premia paid during the year.

## APPENDIX F.—*concld.*

**Area, Capital Value and Rental are shown in thousands.**

*(The Capital Value in columns 4 and 12 is inclusive of premia and fine.)*

| Estate. | Disposed of to end of 1936-37. | | | | Disposed of in 1937-38. | | | | Disposed of to end of 1937-38. | | | | Balance available for leasing. | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | No. of Plots. | Area. | Capital Value. | Rent. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | |
| Brought over .. | 2,511 | 31,63·3 | 7,30,20 | 28,10·7 | 144 | 188·4 | 33,04 | 136·5 | 26,54 | 33,51·1 | 7,62,85 | 29,11·4 | 625 | 799·1 | 1,48,35 | 824·1 | |
| Brought over .. | 3 | 10·9 | 186 | 8·3 | .. | .. | .. | .. | 3 | 10·9 | 186 | 8·3 | .. | .. | .. | .. | |
| 18, Shepherd Road.. | 1 | 1·2 | 15 | 0·7 | .. | .. | .. | .. | 1 | 1·2 | 15 | 0·7 | .. | .. | .. | .. | |
| 19, Agripada .. | 2 | 4·8 | 45 | 2·1 | .. | .. | .. | .. | 2 | 4·8 | 45 | 2·1 | .. | .. | .. | .. | |
| 23, Connaught Road | 2 | 1·7 | 13 | 0·6 | .. | .. | .. | .. | 2 | 1·7 | 13 | 0·6 | .. | .. | .. | .. | |
| 24, Princess Street . | 2 | 1·5 | 151 | 6·8 | .. | .. | .. | .. | 2 | 1·5 | 151 | 6·8 | .. | .. | .. | .. | |
| 25, Gamdevi .. | 2 | 1·8 | 45 | 2·0 | .. | .. | .. | .. | 2 | 1·8 | 45 | 2·0 | .. | .. | .. | .. | |
| 34, Lamington Road | 1 | 6·2 | .. | .. | .. | .. | .. | .. | 1 | 6·2 | .. | .. | .. | .. | .. | .. | Nominal. |
| 35, Sandhurst Road West .. | 1 | 0·9 | 39 | 1·6 | .. | .. | .. | .. | 1 | 0·9 | 39 | 1·6 | .. | .. | .. | .. | |
| 39, Sandhurst Road East .. .. | 4 | 2·8 | 197 | 8·9 | .. | .. | .. | .. | 4 | 2·8 | 197 | 8·9 | .. | .. | .. | .. | |
| 40, Byculla.. .. | 1 | 16·4 | .. | .. | .. | .. | .. | .. | 1 | 16·4 | .. | .. | .. | .. | .. | .. | Nominal. |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44, Maharbavdi .. | 1 | 2·7 | .. | .. | .. | .. | .. | .. | 1 | 2·7 | .. | .. | .. | .. | .. | .. | |
| 45, Paltan Road .. | 1 | 5·9 | .. | .. | .. | .. | .. | .. | 1 | 5·9 | .. | .. | .. | .. | .. | .. | Do. |
| 46, Naigaum .. | 1 | 11·3 | 219 | 12·2 | .. | .. | .. | .. | 1 | 11·3 | 219 | 12·2 | .. | .. | .. | .. | Do. |
| 48, Mahim .. .. | 1 | 6·7 | .. | .. | .. | .. | .. | .. | 1 | 6·7 | .. | .. | .. | .. | .. | .. | |
| 55, Chinch Bunder Road .. .. | 1 | 3·0 | 152 | 6·8 | .. | .. | .. | .. | 1 | 3·0 | 152 | 6·8 | .. | .. | .. | .. | Nominal. |
| 55A, Mazagaon .. | 1 | 5·4 | .. | .. | .. | .. | .. | .. | 1 | 5·4 | .. | .. | .. | .. | .. | .. | Nominal. |
| 63, Dadar-Matunga (North) .. .. | 3 | 8·4 | 80 | 3·6 | .. | .. | .. | .. | 3 | 8·4 | 80 | 3·6 | .. | .. | .. | .. | |
| 67, Naigaum .. | 2 | 46·5 | 962 | 53·4 | .. | .. | .. | .. | 2 | 46·5 | 962 | 53·4 | .. | .. | .. | .. | |
| 70, West Agripada (Between the Trust Garage on Arthur Road and Lamington Road) | 1 | 1·7 | .. | .. | .. | .. | .. | .. | 1 | 1·7 | .. | .. | .. | .. | .. | .. | Nominal. |
| Total .. | 31 | 139·8 | 21,04 | 107·0 | .. | .. | .. | .. | 31 | 139·8 | 21,04 | 107·0 | .. | .. | .. | .. | |
| POORER CLASSES. | | | | | | | | | | | | | | | | | |
| ACCOMMODATION SCHEMES. | | | | | | | | | | | | | | | | | |
| 42, Spring Mills .. | 1 | 20·0 | 76 | 3·4 | .. | .. | .. | .. | 1 | 20·0 | 76 | 3·4 | .. | .. | .. | .. | |
| 51, Century Mills .. | 1 | 50·4 | 242 | 7·2 | .. | .. | .. | .. | 1 | 50·4 | (*j*) 242 | 7·2 | .. | .. | .. | .. | (*j*) Includes Rs. 1,21,495 for premia. |
| 65, David Mills .. | 1 | 18·5 | 295 | .. | .. | .. | .. | .. | 1 | 18·5 | 295 | * .. | .. | .. | .. | .. | * Rs. 3,00,000 premia received in 1932-33. |
| Total .. | 3 | 88·9 | 613 | 10·6 | .. | .. | .. | .. | 3 | 88·9 | 613 | 10·6 | .. | .. | .. | .. | |
| Grand Total .. | 2,545 | 3,392·0 | 7,57,37 | 29,28·3 | 144 | 188·4 | 3,304 | 136·5 | †26,88 | 35,79·8 | 7,90,02 | 30,29·0 | 625 | 7,99·1 | 1,48,35 | 8,24·1 | † Exclusive of 8 plots sold outright. |

## APPENDIX G.

*Trust Estates on Government Lands (Schedules W, Y, Z) as at close of* 1937-38

(*N.B.*—The road areas have not been taken into account.)

| Serial No. | Name of Estate. | As per Schedule. 'W.' | | Developed Land. | | | | | | | | | Undeveloped Land. | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Leased Plots. | | | | Unleased Plots. | | | | Open spaces in thousands of square yards. | | | |
| | | Area. | Value. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | | Area in thousands of square yards. | Schedule value in thousands of Rupees. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | Schedule 'W' Lands. | | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | |
| 1 | Flats .. .. .. | 1,252,834 | 1,41,191 | 12 | 268·5 | 1,057 | 19·0 | .. | .. | .. | .. | 169 | 815·3 | 74 | |
| 2 | Kennedy Sea Face .. | 4,447 | .. | 1 | †4·4 | 0·2 | 0·01 | .. | .. | .. | .. | .. | .. | .. | †Swimming Bath. |
| 3 | Marine Lines .. .. | 32,825 | 3,28,250 | 20 | 32·8 | 568 | 25·2 | .. | .. | .. | .. | .. | .. | .. | |
| 4 | Wellington Lines .. .. | 44,038 | 4,40,380 | 16 | 32·0 | 774 | 30·7 | .. | .. | .. | .. | (*a*) 12 | .. | .. | (*a*) Central Garden. |
| 5 | Wodehouse Road .. .. | 41,580 | 4,15,800 | 20 | 40·5 | 802 | 34·6 | .. | .. | .. | .. | .. | .. | .. | |
| 6 | Hornby Road .. .. | 41,616 | 8,32,320 | 36 | 41·6 | 1,634 | 69·9 | .. | .. | .. | .. | .. | .. | .. | |
| 7 | Triangular plot South of Crawford Market (Hornby Road). | 7,707 | 1,54,140 | 1 | 7·6 | 287 | 12·9 | .. | .. | .. | .. | .. | .. | .. | |
| 8 | Plot North of Municipal Offices (Hornby Road). | 6,811 | 2,04,330 | 1 | 6·9 | 196 | 8·2 | .. | .. | .. | .. | .. | .. | .. | |
| 9 | West Chaupati Estate including old Distillery Plot & Hill Slope | 63,732 | 6,37,320 | 40 | 91·3 | 1,584·3 | 75·00 | .. | .. | .. | .. | ‡ 3·5 | .. | .. | ‡Plots Nos. 13 & 14 are kept permanently for recreation purposes *vide* C. R. No. 35 of 12-4-37. |
| | | 47,544 | .. | 5 | 6·3 | 152·7 | 6·9 | .. | .. | .. | .. | .. | .. | .. | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | Parel Estate .. .. | 46,696 | 1,40,088 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34·8 | 104 | 11,850 square yards resumed by Government under Section 91A (8) of the Municipal Act for being sold outright to the Trustees of Sir Dorab Tata Trust for the Radium Institute and Hospital. |
| | Total .. | 1,589,830 | 32,66,819 | 152 | 531·9 | 7,055 | 282·4 | .. | .. | .. | .. | 190·3 | 850·1 | 178 | |
| | Site for Admiral's Bungalow (Marine Lines). | .. | .. | 1 | 8·3 | 230 | 10·3 | .. | .. | .. | .. | .. | .. | .. | |
| | East Chaupati Estate .. | 4,789 | 47,890 | 8 | 4·3 | 157 | 7·9 | .. | .. | .. | .. | .. | .. | .. | |
| | Total .. | 4,789 | 47,890 | 9 | 12·6 | 387 | 18·2 | .. | .. | .. | .. | .. | .. | .. | |
| | Schedule Y Lands. | | | | | | | | | | | | | | |
| | Colaba Reclamation .. | ¶46,580<br>§ 9,152 | 13,000 | 36 | 53·8 | 2,386 | 106·7 | .. | .. | .. | .. | 1·9 | .. | .. | ¶ Reclaimed area.<br>§ Acquired area. |
| | Nepean Sea Road Reclamation. | 2,014 | .. | 1 | 2·0 | 14 | 0·6 | .. | .. | .. | .. | .. | .. | .. | |
| | Total .. | 57,746 | 13,000 | 37 | 55·8 | 2,400 | 107·3 | .. | .. | .. | .. | 1·9 | .. | .. | |
| | Schedule Z Lands .. | 3,250 | .. | 1 | 3·2 | 5 | 0·2 | .. | .. | .. | .. | .. | .. | .. | |
| | Grand Total .. | 1,655,615 | 33,27,709 | 199 | 603·5 | 9,847 | 408·1 | .. | .. | .. | .. | 192·2 | 850·1 | 178 | |

## APPENDIX H.

*Trust Estates on Municipal Lands Schedule X as at close of* 1937-38.

(*N.B.*—The Road areas have not been taken into account.)

| Serial No. | Name of Estate. | As per Schedule Y. | | Developed Land. | | | | | | | | | | Undeveloped Land. | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Leased plots. | | | | Unleased plots. | | | | Open Spaces in thousands of square yards. | Service Passages in thousands of square yards. | Area in thousands of square yards. | Schedule value in thousands of Rupees. | |
| | | Area. | Value. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | | | Rs. | | | Rs | Rs. | | | Rs. | Rs. | | | | Rs. | |
| 1 | Connaught Road .. | 13,858 | 77,237 | 17 | 12·2 | 96 | 4·2 | .. | .. | .. | .. | .. | 1·5 | .. | .. | |
| 2 | West Agripada .. | 227,971 | 6,64,534 | | | | | | | | | | | | | |
| 3 | Central Agripada .. | 2,911 | 10,528 | 152 | 208·5 | 2,294 | 100·2 | 4 | 5·4 | 80 | 4·5 | 18·4 | 11·0 | .. | .. | |
| 4 | East Agripada .. | 65,885 | 6,38,426 | (C)6 | *28·0* | *180* | *8·1* | | | | | | | | | |
| 5 | Lands at Matunga .. | 86,187 | 90,984 | 1 | 1·6 | .. | * | .. | .. | — | .. | .. | .. | 85 | 89 | *As the land is leased in exchange the rent is Re. 1 only. |
| | Total .. | 396,812 | 14,81,709 | 170 | 222.3 | 2,390 | 104.4 | 4 | 5.4 | 80 | 4.5 | 18.4 | 12.5 | 85 | 89 | |
| | | | | C 6 | *28.0* | *180* | *8.1* | | | | | | | | | |

*Note.*—(C) *stands for Trust Chawls.*

# APPENDIX I.

*Trust Permanent Estates on their own lands at close of* 1937-38.

(*N.B.*—The Road areas have not been taken into account.)

| Scheme No. | Name of Scheme. | Land acquired upto 31st March 1938. | | Developed Land. | | | | | | | | | | Undeveloped Land. | | Police accommodation site transferred to Government in thousands of square yards. | Land sold or exchanged in thousands of square yards. | Total of columns 6, 10, 13, 14, 15, 17, & 18. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Leased plots. | | | | Unleased plots. | | | | Open spaces in thousands of square yards. | Service passages in thousands of square yards. | | | | | | |
| | | Area in thousands of square yards. | Awards in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | | | Area acquired in thousands of square yards. | Proportionate cost of acquisition in thousands of Rupees. | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | | Rs. | | | | Excess of column 3 over 19 due to omission of Road areas. |
| 1 | First Nagpada .. .. | 72·8 | 15,37 | 62<br>C. 2 | 42·3<br>4·7 | 7,93<br>33 | 34·0<br>1·4 | .. | .. | .. | .. | 2·8 | 3·3 | .. | .. | 4 0 | 0·8 | – 57·9 | Plot No. 42 admeasuring 264 sq. yds. taken over by the Corporation with the buildings thereon. |
| 2 | Princess Street .. .. | 120·1 | 67,47 | 115<br>C. 2 | 61·7<br>11·1 | 92,94<br>1,89 | 384·9<br>8·5 | .. | .. | .. | .. | .. | 5·8 | .. | .. | 1·5 | 2·6 | 82·7 | |
| 3 | Sandhurst Road .. | 248·5 | 82,45 | 188<br>C. 2 | 127·0<br>14·4 | 92,05<br>1,94 | 355·6<br>8·7 | 5 | 3·0 | 236 | 13·1 | 3·9 | 1·3 | .. | .. | 3·7 | 3·2 | 156·5 | Plots Nos. 26 and 101 to 106 admeasuring 5848.8 sq. yds. taken over by the Trust and Corporation with buildings thereon. |
| 4 | Gamdevi .. .. | 181·7 | 12,16 | 119 | 101·7 | 23,17 | 83·0 | .. | .. | .. | .. | 12·2 | 3·3 | .. | .. | 1·8 | 7·3 | 126·3 | |
| 5 | Dadar-Matunga .. | 14,56·5 | 23,87 | 1009<br>C. 3 | 993·3<br>10·7 | 1,11,13<br>67 | 412·2<br>3·7 | 8 | 8·3 | 119 | 6·6 | 257·2 | .. | .. | .. | 8·4 | 169·5 | 14,47·4 | |
| 6 | Sion-Matunga .. .. | 17,91·5 | 20,50 | 10 | 19·5 | 210 | 2·1 | 114 | 97·8 | 818 | 45·4 | 15·0 | .. | 15,49·4 | 17,74 | .. | 23·6 | 17,05·3 | |
| 8 | Mandvi-Koliwada .. | 29·4 | 19,80 | 32<br>C. 1 | 15·1<br>4·2 | 16,92<br>3,13 | 71·4<br>14·1 | .. | .. | .. | .. | .. | 2·4 | .. | .. | .. | 1·7 | 23·4 | |
| | Carried over .. | 39,00·5 | 2,41,62 | 1535<br>C 10 | 13,60·6<br>45·1 | 3,46,24<br>7,96 | 13,43·2<br>36·4 | 127 | 109·1 | 1,173 | 65·1 | 291·1 | 16·1 | 15,49·4 | 17,74 | 19·4 | 208·7 | 3,599·5 | |

C—Stands for Trust Chawls.

# APPENDIX I.

*Trust Permanent Estates on their own lands at close of* 1937-38.

(*N.B.*—The Road areas have not been taken into account.)

| Scheme No. | Name of Scheme. | Land acquired upto 31st March 1938. | | Developed Land. | | | | | | | | | | Undeveloped Land. | | Police accommodation site transferred to Government in thousands of square yards. | Land sold or exchanged in thousands of square yards. | Total of columns 6, 10, 13, 14, 15, 17, & 18. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Leased Plots. | | | | Unleased Plots. | | | | Open spaces in thousands of square yards. | Service passages in thousands of square yards. | | | | | | |
| | | Area in thousands of square yards. | Awards in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | | | Area acquired in thousands of square yards. | Proportionate cost of acquisition in thousands of Rupees. | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | Brought over .. | 3,900·5 | 2,41,62 | 1535<br>C. 10 | 1,360·6<br>45·1 | 3,46,24<br>7,96 | 13,43·2<br>36·4 | 127 | 109·1 | 11,73 | 65·1 | 291·1 | 16·1 | 1,549·4 | 17,7 4 | 19·4 | 208·7 | 3,599·5 | |
| 13 | Souter Street Extension Eastward .. .. | 7·5 | 21 | 4 | 3·1 | 42 | 1·7 | .. | .. | .. | .. | .. | 4·2 | .. | .. | .. | .. | 7·3 | |
| 27 | Mathew Road .. .. | 50·8 | 11,30 | 21 | 34·5 | 12,99 | 47·8 | .. | .. | .. | .. | .. | 0·4 | .. | .. | .. | 2·5 | 37·4 | |
| 29 | Nowroji Hill .. .. | 171·7 | 63,70 | 85<br>C. 1 | 49·4<br>8·5 | 34,84<br>2,27 | 119·7<br>10·2 | 50 | 30·0 | 18,72 | 1,04·0 | 8·1 | 3·5 | 17·6 | 6,53 | 3·0 | 0·9 | 1,21·0 | Plots Nos. 4, 5, 6, 11, 11A, 12, 25,27 and 48 admeasuring 6.525 sq. yds. taken over by the Trust and the Corporation with the buildings thereon. |
| 30 | Souter Street Extension Westward .. .. | 16·9<br>2·6 | 69<br>10 | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | 19·5 | 19·5 | |
| 31 | Parel Road .. .. | 548·5<br>17·1 | 41,55<br>1,09 | 184<br>C. 1 | 160·4<br>8·1 | 35,26<br>36 | 148·5<br>1·6 | 44 | 29·1 | 5,44 | 30·2 | 1·6 | 2·1 | .. | .. | .. | 183·8 | 385·1 | |
| 32 | East Agripada .. .. | 205·4 | 22,55 | 52<br>C. 4 | 64·2<br>19·3 | 10,83<br>3,33 | 48·0<br>18·6 | 41 | 24·6 | 6,65 | 37·0 | .. | 2·4 | 43·9 | 4,82 | .. | 24·0 | 178·4 | |
| 33 | Bhatwadi .. .. | 8·5 | 2,79 | 10 | 5·2 | 1,14 | 3·8 | .. | .. | .. | .. | .. | 0·4 | .. | .. | .. | .. | 5·6 | |
| 36 | Lamington Road .. | 7·5 | 2,22 | 1 | 0·3 | 13 | 0·6 | .. | .. | .. | .. | 2·6 | .. | .. | .. | .. | .. | 2·9 | |
| 37 | Sydenham Road .. | 75·4 | 1,13,09 | 52 | 20·6 | 40,19 | 131.1 | 36 | 14·4 | 23,23 | 129·0 | 1·1 | 2·0 | .. | .. | .. | 0·3 | 38·4 | |
| 41 | Undria Street .. .. | 6·4 | 4,62 | 12 | 3·2 | 91 | 4·3 | 7 | 1·8 | 45 | 2·5 | .. | .. | *1·4 | 1,01 | .. | .. | 6·4 | *This area is occupied in part by 7 houses which have been remodelled by the Trust. |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | Parel Road Central .. | 83·1 | 25,84 | 27<br>C. 2 | 19·9<br>12·8 | 10,26<br>2,20 | 45·3<br>12·2 | 3 | 1·5 | 2,94 | 16·3 | .. | .. | .. | .. | .. | .. | 34·2 | |
| 47 | Parel Road Northern .. | 108·0 | 30,61 | 45 | 36·5 | 13,79 | 59·0 | 6 | 3·8 | 1,57 | 8·7 | .. | .. | .. | .. | .. | .. | 40·3 | |
| 50 | Mazagaon .. .. | 62·6 | 7,95 | 6<br>C. 1 | 18·6<br>27·9 | 3,88<br>3,76 | 15·8<br>20·9 | 10 | 6·4 | 1,48 | 8·2 | 2·0 | .. | .. | .. | .. | .. | 54·9 | |
| 52 | Worli .. .. .. | 1,728·0 | 88,73 | 93 | 228·1 | 37,94 | 125·1 | 148 | 423·3 | 55,53 | 3,08·5 | .. | .. | 747·9 | 38,40 | .. | 157·3 | 1,556·6 | |
| 53 | Foras Road .. .. | 44·9 | 8,33 | 4<br>C. 1 | 2·6<br>26·5 | 97<br>5,44 | 4·9<br>30·2 | 4 | 3·5 | 1,28 | 7·1 | 2·6 | .. | .. | .. | .. | 0·8 | 36·0 | |
| 54 | Kolbhatwadi .. .. | 13·3 | 18,68 | 17 | 8·9 | 16,96 | 57·4 | .. | .. | .. | .. | .. | .. | *1·6 | 2,25 | .. | 1·0 | 11·5 | *Inclusive of the area comprised in Case No. 56. |
| 56 | Dharavi .. .. .. | 1,740·2 | 37,79 | 4 | 103·1 | 5,72 | .. | 5 | 28·5 | 1,85 | 10·3 | .. | .. | 1,602·4 | 34,80 | .. | 2·0 | 1,736·0 | |
| 57 | Sewri-Wadala .. .. | 1,811·6 | 1,25,52 | 5 | 28·8 | 1,82 | 8·2 | .. | .. | .. | .. | .. | .. | 1,678·2 | 1,16,28 | .. | 83·8 | 1,788·8 | |
| 58 | Worli Extension Scheme .. .. | 397·0 | 27,12 | 3 | 5·9 | 127 | 1·7 | 27 | 28·6 | 3,71 | 20·6 | .. | .. | 340·8 | 23,28 | .. | 0·5 | 375·8 | |
| 59 | Sewri-Koliwada .. | 29·4 | 4,48 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 29·4 | 4,48 | .. | .. | 29·4 | |
| 60 | Naigaum .. .. | 517·0 | 51,95 | 94 | 175·2 | 32,27 | 78·5 | 111 | 87·2 | 12,71 | 70·6 | .. | 0·2 | 58·5 | 5,88 | 57·8 | 77·2 | 456·1 | No cash consideration has been paid for 9,989 sq. yds. in case 97 but 19,418 sq. yds. given free of cost to the Trust. |
| 61 | Fergusson Road .. .. | 167·7 | 4,09 | .. | .. | .. | .. | 1 | 0·8 | 14 | 0·8 | .. | .. | 3·8 | 9 | .. | 176·0 | 180·6 | 24,858 sq. yds. from Schedule W. |
| 62 | Love Lane .. .. | 20·5 | 3,80 | 4<br>C. 1 | 8 8<br>13·2 | 2,89<br>2,64 | 1·4<br>14·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22·0 | |
| 66 | Mahalaxmi Street Scheme .. .. | 6·8 | 1,26 | .. | .. | .. | .. | 1 | 1·1 | 12 | 0·7 | .. | .. | .. | .. | .. | 0·2 | 1·3 | |
| 69 | Widening of Byculla Bridge .. .. | 3·4 | 81 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | POLICE ACCOMMODATION SCHEMES. | | | | | | | | | | | | | | | | | | |
| 14 | Nagpada .. .. | .. | .. | 1 | 4·0 | 72 | 3·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 1. |
| 16 | Wodehouse Road .. | 6·6 | 76 | 1 | 6·6 | 76 | 3 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·6 | |
| 17 | Duncan Road .. .. | 0·3 | 39 | 1 | 0·3 | 38 | 1·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·3 | |
| 18 | Shepherd Road .. .. | 1·3 | 16 | 1 | 1·2 | 15 | 0·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·2 | |
| 19 | Agripada .. .. .. | 4·8 | 45 | 2 | 4·8 | 45 | 2·1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·8 | |
| 23 | Connaught Road .. | 1·7 | 13 | 2 | 1·7 | 13 | 0·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·7 | |
| 24 | Princess Street .. .. | .. | .. | 2 | 1·5 | 1,51 | 6·8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 2. |
| 25 | Gamdevi .. .. | .. | .. | 2 | 1·8 | 45 | 2·0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 4. |
| 34 | Lamington Road .. | 6·2 | .. | 1 | 6·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·2 | Nominal. |
| 35 | Sandhurst Road West .. | .. | .. | 1 | 0·9 | 39 | 1·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 3. |
| | Carried over ... | 1,17,53·2 | 9,44,38 | 2,272<br>C. 21 | 2364·9<br>161·4 | 6,15,66<br>27,96 | 22,68·1<br>144·8 | 621 | 793·7 | 1,47,55 | 819·6 | 309·1 | 31·3 | 6,074·9 | 2,55,56 | 80·2 | 938 5 | 10,745·8 | |

C—Stands for Trust Chawls.

## APPENDIX I—*Continued.*

*Trust Permanent Estates on their own lands at close of* 1937-38.

(*N.B.*—The Road areas have not been taken into account.)

| Scheme No. | Name of Scheme. | Land acquired upto 31st March 1938. | | Developed Land. | | | | | | | | | | Undeveloped Land. | | Police accommodation site transferred to Government in thousands of sq. yards. | Land sold or exchanged in thousands of sq. yards. | Total of columns 6, 10, 13, 14, 15, 17, & 18. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Leased Plots. | | | | Unleased Plots. | | | | Open spaces in thousands of sq. yards. | Service passages in thousands of sq. yards. | Area acquired in thousands of sq. yards. | Proportionate cost of acquisition in thousands of Rupees. | | | | |
| | | Area in thousands of square yards. | Awards in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | No. | Area in thousands of square yards. | Capital value in thousands of Rupees. | Rental in thousands of Rupees. | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | Rs | | | Rs. | Rs. | | | Rs. | Rs. | | | | Rs. | | | | |
| | Brought over .. | 11,753·2 | 9,44,38 | 2,272<br>C. 21 | 2,364·9<br>161·4 | 6,15,66<br>27,96 | 22,68·1<br>1,44·8 | 621 | 7,93·7 | 1,47,55 | 8,19·8 | 309·1 | 31·3 | 6,074·9 | 2,55,56 | 80·2 | 938·5 | 10,745·8 | |
| 39 | Sandhurst Road East .. | .. | .. | 4 | 2·8 | 1,97 | 8·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 3. |
| 40 | Byculla .. .. .. | 16·4 | .. | 1 | 16·4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16·4 | Nominal. |
| 44 | Maharbavdi .. .. | 2·7 | .. | 1 | 2·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·7 | Do. |
| 45 | Palton Road .. .. | 5·9 | .. | 1 | 5·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·9 | Do. |
| 46 | Naigaum .. .. | .. | .. | 1 | 11·3 | 2,19 | 12·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 60. |
| 48 | Mahim .. .. .. | 6·7 | .. | 1 | 6·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·7 | Nominal. |
| 55 | Chinch Bunder Road .. | .. | .. | 1 | 3·0 | 1,52 | 6·8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 29. |
| 55A | Mazagaon .. .. | 5·4 | .. | 1 | 5·4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·4 | Nominal. |
| 63 | Dadar-Matunga North | .. | .. | 3 | 8·4 | 80 | 3·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Included in Scheme 5. |
| 67 | Naigaum .. .. | .. | .. | 2 | 46·5 | 9,62 | 53·4 | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | Included in Scheme 60. |
| 70 | Between Trust Garage on Arthur Road and Lamington Road .. | 1·7 | .. | 1 | 1·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·7 | Nominal. |
| | POORER CLASSES ACCOMMODATION SCHEMES. | | | | | | | | | | | | | | | | | | |
| 42 | Spring Mills .. .. | 20·0 | 76 | 1 | 20·0 | 76 | 3·4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20·0 | |
| 51 | Century Mills .. .. | 50·4 | 1,15 | 1 | 50·4 | 2,42 | 7·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50·4 | |
| 65 | David Mills .. .. | 20·7 | 2,40 | 1 | 18·5 | 2,95 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·2 | 20·7 | |
| | Total .. | 1,18,83·1 | 9,48,69 | 2,292<br>C. 21 | 2,564·6<br>161·4 | 63,789<br>27,96 | 23,63·6<br>1,44·8 | 621 | 7,93·7 | 1,47,55 | 8,19·8 | 309·1 | 31·3 | 6,074·9 | 2,55,56 | 80·2 | 940·7 | 10,875·7 | |

C—Stands for Trust Chawls.

# WATER WORKS.

No. M.C.S.R./756 of 1938-39.

BOMBAY, 1938.

To

THE MUNICIPAL COMMISSIONER
FOR THE CITY OF BOMBAY.

*Re: Administrative Report for the year* 1937-38.

SIR,

I have the honour to submit herewith the Annual Report on the working of the Water Works Department for the year 1937-38.

2. I took over charge of this Department as Acting Hydraulic Engineer on 14th July 1937 from the permanent incumbent Mr. W. A. Niven who proceeded on leave preparatory to retirement.

3. The report is arranged under the following heads :—

(1) Supply Statistics.
(2) Lakes and their Statistics.
(3) Outside City Branch.
(4) Distribution Branch.
(5) Waste Prevention Branch.
(6) Maintenance and Works Branch.
(7) Survey and Design Branch.
(8) Works of Interest.
(9) General.

## I. SUPPLY STATISTICS.

Quantity of water supplied.

4. The total quantity of water supplied to the City and the Suburbs during the year from various sources amounted to 35,253 million gallons or an average of 96.59 million gallons per day, the corresponding figure for the preceding year being 33,730 million gallons or an average of 92.41 million gallons per day, *i.e.*, an increase of 4.18 million gallons per day. The average daily supply to the Suburbs was 2.70 million gallons per day drawn mainly through 24″ Tulsi and 57″ Tansa mains. The balance of 93.83 million gallons per day was supplied to the City which distributed to 11,61,383 souls (as per Census report of 1931) amounted to 80.85 gallons per head per day for all purposes. This is 3.60 gallons per head per day more than the average of the preceding year. The minimum and maximum supply per day amounted to 90.97 and 110.76 millions gallons respectively. During the year when the lakes were overflowing an unrestricted supply of 105 million gallons per day (average) was given from 24th July 1937 to 1st October 1937 as an experimental measure to ascertain the carrying capacity of the distributory mains and the maximum quantity required for all purposes. It was found that during that period the number of short supply complaints was negligible.

Quantity utilized for various purposes.

5. The statement marked Appendix (A) shows the supply utilized for various purposes.

## II. LAKES AND THEIR STATISTICS.

Lake Statistics.

6. The statement marked Appendix (B) shows the statistics of all the Municipal Lakes.

Discharge from Tansa to Vehar.

7. During the year when Tansa Lake was overflowing 62.37 million gallons of water was discharged into the Vehar Lake through the Tansa Duct at Bhandup.

Rainfall figures.

8. The rainfall figures at the lakes are shown in the chart marked Appendix (C).

Lake Levels.

9. The chart marked Appendix (D) shows the day to day levels in the lakes.

10. The Tansa and Vehar lakes continued to be the favourite resort of the public and the number of visitors amounted to about 2,800 and 29,500 respectively.

Inspection Bungalows.

The bungalows at Tansa and Vehar lakes were maintained from Repairs and Maintenance grant for outside City and were adequately furnished during the year at a total cost of Rs. 2,151 out of the Books and Dead Stock grant.

11. Vigorous campaign was carried out throughout the year to prevent trespass in the catchment and lake areas in order to preserve the purity of water, and 77 and 160 cattle were impounded during the year at Tansa and Vehar respectively.

Campaign against trespass.

12. Four gardens outside the City, *viz.*, at Tansa, Vehar, Tulsi and Powai Venturi House were maintained during the year from the Repairs and Maintenance grant for outside City.

Gardens.

13. The electric lighting set at Tansa was kept in a working condition throughout the year at a cost of Rs. 100.

Lighting Set.

## III. OUTSIDE CITY BRANCH.

14. 197 miles of trunk mains of various sizes (steel mains—72″—81 miles; 60″—3¼ miles; 57″—14¼ miles; 50″—18 miles; 48″ Lock bar 1 mile; 48″—1¾ miles; Cast Iron Mains 48″—31½ miles; 42″—¼ mile; 32″—3 miles; 24″—15¾ miles; and masonry duct 27¼ miles) were maintained during the year from the Repairs and Maintenance grant. There was one burst during the year on the 24″ Tulsi main outside Bombay. The number of heavy leaks repaired was 28. The 72″ twin mains conveyed an average of 75 million gallons per day (27,378 million gallons per year), the masonry duct line about 7 million gallons per day (2,637 million gallons per year), the 48″ Vehar about 13 million gallons per day (4,703 million gallons per year) and the 24″ Tulsi main 1.5 million gallons per day (535 million gallons per year). Repairs to the Tansa Duct line to the extent of Rs. 1,410 were carried out departmentally to stop some of the big leaks. Shrubs and jungle were cleaned along the Old Tansa duct line at a cost of Rs. 288.

Trunk mains.

15. Six miles of 72″ steel mains (exposed portion) were painted during the year with Bitumax Paint at a cost of Rs. 11,912, the average cost of painting being 6 annas per running foot of pipe or Rs. 1,985 per mile of exposed surface.

Painting of mains.

16. 5,280 and 4,410 running feet of the old 48″ and the 50″ Tansa mains were regraded and straightened in places where they had sunk and gone out of alignment at a cost of about Rs. 997. 2,640 running feet of the 24″ Tulsi main outside the City were regraded at a cost of Rs. 291.

Regrading of mains.

17. 118 miles of embankment including cuttings carrying the pipe lines and trolly track were maintained during the year, the number of culverts repaired being 22.

Embankment and culverts.

18. Out of total length of 80 miles of Trolly Track 53½ miles were maintained for transport purposes. The total cost of maintaining the embankments and the trolly track was Rs. 38,993. The trolly tracks along (*a*) the syphons of the old duct line, (*b*) 48″ Vehar main, (*c*) 48″ twin Tansa mains from Ghatkopar to Matunga and (*d*) 24″ Tulsi main totalling 26½ miles were in a state of disrepairs for want of funds. A portion of the trolly track along Vehar 48″ main between Vehar Road and Kurla was thoroughly repaired during the year at a cost of Rs. 3,628. An estimate amounting to Rs. 59,000 for repairs to trolly track between Ghatkopar and Futka Tank, Matunga, was sanctioned during the year and the estimates for repairing the other lines are being submitted.

Trolly track.

19. Three motor trollies of heavy type and one light motor trolly were maintained at a total cost of Rs. 5,596. The total mileage covered by the motor trollies during the year was 26,890. The trollies being very old and worn out gave frequent troubles and purchase of one heavy and one light trolly was sanctioned by the Corporation during the year.

Motor Trollies.

20. The Diesel locomotive "Ivon" which was purchased in 1936-37 at a cost of Rs. 11,980 was maintained during the year from the Repairs and Maintenance grant outside City. The loco covered 2,264 miles and did useful work for transport of heavy materials, sand cement, etc., all over the line upto Tansa.

Diesel Loco "Ivon".

21. Light transport was carried out by push wagons and trollies which were maintained from the Repairs and Maintenance grant. The number of push wagons and trollies maintained during the year was 65 and 15 respectively.

Push wagons.

22. There was no painting programme during the year, as the painting of both the bridges had been completed only last year.

Kasheli Bridge.

23. The Tansa-Atgaon Road which serves to link the main road (Bombay-Agra Road) to Tansa was maintained by the Government Forest Department at a cost of Rs. 2,200 half of which was borne by the Municipality.

Tansa-Atgaon Road.

Sterilization of water supply.

24 (*a*) Tansa and Vehar supply :—

The entire supply from Tansa Lake was chlorinated at Bhandup through gravity feeding type plant while the Vehar supply was chlorinated at the source by a similar plant. The chlorine dose varied from 0.55 to 0.7 parts per million. The total cost of chlorination including the cost of 2,000 cwts. of liquid chlorine was Rs. 83,065 for 34,718 million gallons, *i.e.*, Rs. 2.4 per million gallons.

(*b*) Tulsi supply :—

As Tulsi water is not as good as Tansa and Vehar waters, the supply was treated with alum, allowed to settle for about 6 hours and then chlorinated at the source. A dose of 1.3 grains of alum per gallon and 1.5 to 1.8 parts of chlorine per million parts was given. The total cost of sterilization of Tulsi water was Rs. 14,170. The entire cost is borne by the Government of Bombay as the supply from Tulsi is used for Bombay Suburban Area. The total cost of sterilization of Tulsi water was Rs. 26.5 per million gallons.

(*c*) No part of the supply was filtered during the year. The mechanical filters at Tulsi were maintained during the year at a cost of Rs. 96.

(*d*) As there was no proper accommodation for office and staff working at the Bhandup Chlorination plant a three unit chawl was constructed during the year at a cost of Rs. 1,937 provided in the New Works grant.

(*e*) The engine and pump sheds at Bhandup being very old and dilapidated were renewed at a cost of Rs. 867 from Extraordinary Repairs and Maintenance grant outside City.

25. Besides fortnightly Bacteriological and Analytical tests of all the lake waters and of water after chlorination, occasional tests were carried out throughout the year by the Municipal Chemical Analyst. The results were quite satisfactory in all the cases and there was nothing unusual to report.

Bacteriological and analytical water tests.

26. A private telephone system 61 miles long for 21 stations outside Bombay was regularly maintained through the Government Telegraph Department at a cost of Rs. 7,255. The system is defective in some respects, and the Government Telegraph Department have been asked to rectify the same.

Telephone System.

27. The repairs and painting to Water Works buildings outside Bombay including 28 Sluice house structures were carried out departmentally as and when required at a total cost of Rs. 5,608.

Buildings.

28. Nine Venturi meters, four at Powai for two 57″ Tansa mains and one each for 60″ Tansa and 48″ Vehar mains, three at Chembur Sluice House, two for 48″ Tansa mains and one for 32″ Vehar main, one at Bandra for 24″ Tulsi main, one at Thana Road Cabin for 24″ Vehar main were maintained during the year from the Repairs and Maintenance grant. All these, except the one on 24″ Tulsi main, recorded the flow and pressures throughout the year and afforded valuable information regarding the discharge from the different lakes and distribution to the City.

Venturi Meters.

29. 157 hand operated penstock gates and sluice valves varying in size from 48″ to 12″, 9 hydraulically operated valves, 50 pressure gauges and recorders, 26 burst alarms, and 121 air valves were oiled, greased and maintained from the Repairs and Maintenance grant. The 9 hydraulically operated valves are not in working order and the question of putting these valves in order is under consideration.

Hydraulic Fittings.

30. The total cost incurred under "Materials for General Works and Repairs outside Bombay" for items in paras. 10, 12, 14 20, 21, 28 and 29 was Rs. 5,935.

## IV. DISTRIBUTION BRANCH.

31. For distribution purposes the City was divided into three main divisions.

Distribution of water in the City.

(*a*) All the area South of Clerk Road, West of Arthur Road upto its junction with Lamington Road, West of Lamington Road North upto its junction with Sandhurst Road, South of Sandhurst Road upto its junction with Falkland Road, West of Falkland Road upto its junction with Bapu Khote Street, West of Bapu Khote Street, West of Abdul Rehman Street and all the area to the South of Carnac Road and 1st Marine Street shown coloured red on the accompanying plan marked (E) was served by the Malabar Hill Reservoir which has a storage capacity of 30.5 million gallons *i.e.*, an equivalent of about 24 hours supply. For the Fort area the supply was restricted only for 6 hours between 10 A.M. and 4 P.M. (B. T.) Supply to the Dhobitalao and Girgaum areas was restricted between the hours of 10 A.M. and 4 P.M. and 7 P.M. and 3 A.M. A constant supply was maintained in the Walkeshwar, Malabar Hill and Cumballa Hill Districts which are served by the 12″, 6″ and 24″ outlet mains from the Reservoirs, An elevated tank of 60,000 gallons capacity to which water is pumped by electrically driven pumps served the high level areas of Ridge Road, Gibbs Road and Altamont Road between the hours of 5 A.M. and 10 A.M. (B.T.) and 4 and 7 P.M. (B.T.). The total maintenance cost of the pumps, etc., including electrical energy charges amounted to Rs. 5,533 for the year.

(*b*) All the area South of Kalachowky Road East of Arthur Road upto its junction with Lamington Road, East of Lamington Road North upto its junction with Sandhurst Road, South of Sandhurst Road upto its junction with Falkland Road, East of Falkland Road upto its junction with Bapu Khote Street, East of Bapu Khote Street, East of Abdul Rehman Street and all the area to the North of Carnac Road and 1st Marine Drive shown coloured green on the accompanying plan marked (E) is served by the Bhandarwada Reservoir through which about 31 million gallons of water passed per day and which has a capacity of 20 million gallons, an equivalent of about 16 hours supply. The supply from the Bhandarwada Reservoir was restricted between the hours of 10 A.M. to 4 P.M. and from 7 P.M. to 3 A.M. Plans and Estimates for the provision of booster pumps to serve the high level areas of Mazagaon, Dongri, etc., served by the Bhandarwada Hill Reservoir were under consideration and are being put up for administrative sanction.

(*c*) All the area in F and G Wards and to the North of a line drawn from Eastern Harbour through Kalachawki Road, Clerk Road upto junction of Clerk Road and Warden Road was served directly from the Trunk mains in absence of a Reservoir for the North of the Island. The pressure in the mains depended upon the draw off. A scheme to provide balancing Reservoirs at Worli and Rowli Hills to serve the North of the Island was under consideration at the close of the year.

Repairs to Reservoirs.

32. Both the Reservoirs were cleaned twice during the year and maintained from the Repairs and Maintenance grant. The compartment No. 1 of Bhandarwada Reservoir was thrown out of operation for a period of about 1 month for repairs which were carried out by means of gunite surfacing. As both the Reservoirs were leaking and no major repairs were carried out since their construction, proposals to " Recondition the Reservoirs by reinforced Gunite Surfacing " at a cost of Rs. 5,93,600 were sanctioned by the Corporation during the year.

Fire attendance.

33. The Assistant Engineer in charge of distribution together with the Assistant Engineer, Waste Prevention, and other staff gave immediate attendance at every fire call throughout the year. The total numbers of fire calls received from the Fire Brigade Department and attended to were 443. The water supply in each case was regulated according to the need, and sufficient supply at high pressure was made available in every case.

Telephone System.

34. A special telephone system for fire purposes was maintained in the City through the Bombay Telephone Co. at a cost of Rs. 2,712. The charges for other Telephone connections amounted to Rs.3,183.

Fountains and Cattle Troughs.

35. There are 78 Nos. of drinking fountains, 38 cattle troughs and 79 stand pipes in the City which were open to the general public throughout the year and were maintained in clean and healthy condition. Repairs to the Fountains, Cattle Troughs and stand pipes were carried out through the Petty Works Contractor at a total cost of Rs. 717.

Wells.

36. There are 28 wells in charge of the Water Department, all of which are hermetically sealed. No wells were filled up during the year.

37. The gardens along the slopes of Gibbs Road and Ridge Road, Sir Pherozshah Mehta Gardens at Malabar Hill Reservoir and the Joseph Baptista Gardens at Bhandarwada Hill Reservoir were maintained during the year at a cost of Rs. 4,544. (Materials only). All the gardens were open to the general public from 5-30 A.M. to 8 P.M. (B.T.).

Gardens.

38. The total No. of water connections to different premises in the City was 42,342. The No. of new water connections made from the Repairs and Maintenance grant during the year was 1,672 against 1,230 during the precedingyear. The No. of disconnection orders sanctioned by the Standing Committee during the year for non-payment of water charges was 282 against 336 last year. Out of this number 120 disconnections were not enforced owing to the requirements having been complied with and 137 connections were restored on compliance with Municipal requirements.

No. of Water Connections.

39. 164 prosecutions were launched before the Hon. Presidency Magistrate for infringement of the provisions of the Municipal Act and for violation of bye-laws relating to Water Works during the year under report, with 59 convictions and the total amount of fines inflicted and recovered was Rs. 1,085. In 10 cases the parties were warned and discharged.

Prosecutions.

## V. WASTE PREVENTION BRANCH.

40. 17,531 defects in distribution system were detected and repaired; of these 9,957 were under ground and 7,574 above ground.

Defects in Water Mains.

41. The total length of water mains tested for leakage by Deacon's meters was 475 miles and 5,058 feet.

Testing of mains by Deacon Meters.

42. The total length of water mains of all sizes tested by sounding was 158 miles and 5,041 feet. The total cost (materials) of testing mains and investigating leakages was Rs.1,673 during the year.

Sounding of mains.

43. Particulars of defects detected and remedied, the number of diagrams taken and wastages checked during the year are given in the attached Appendix 'F.'

Statistics of waste prevention.

44. The number of notices issued to owners of private premises for defects in water fittings was 4,887.

Notices issued.

45. To prevent wastage of water 51,284 leaky taps were rewashered in private premises during the year at Municipal cost (Rs.12,531) provided in the general Repairs and Maintenance grant.

Rewashering of taps.

## VI. MAINTENANCE AND CONSTRUCTION BRANCH.

46. The workshops in the yard of the Maintenance Branch of Water Works Department at DeLisle Road carried out throughout the year the repairs and testing works pertaining to Water Works Department in their different shops such as Meter Shop, Testing Shop, Mechanic Shop, Turner Shop, Painter Shop, Smithy Shop, Carpentry Shop, etc., Testing work for outside parties of testing Cast Iron and galvanised pipes, Cast Iron, Gavalnised and brass fittings and water meters was done on a large scale. Ordinary repairs to the machinery and plant such as steam pumps, petrol pumps, motor lorries, launch engine, trolly parts, etc., were also carried out.

Maintenance Yard at DeLisle Road.

47. 339$\frac{1}{4}$ miles of water mains (57″—11$\frac{1}{2}$ miles; 48″—13$\frac{3}{4}$ miles; 36″—4 miles; 32″—12$\frac{1}{2}$ miles; 30″—2 miles; 28″—$\frac{1}{2}$ mile; 27″—7$\frac{1}{2}$ miles; 26″—$\frac{3}{4}$ mile; 24″—23$\frac{1}{2}$ miles; 22″—1$\frac{3}{4}$ miles; 21″—$\frac{3}{4}$ mile; 20″—$\frac{1}{2}$ mile; 19″—$\frac{1}{4}$ mile; 18″—6$\frac{3}{4}$ miles; 17″—$\frac{1}{4}$ mile; 16″—1$\frac{1}{2}$ miles; 15″—4$\frac{1}{4}$ miles; 14″—2$\frac{1}{2}$ miles; 13″—$\frac{1}{4}$ mile; 12″—20 miles; 11″—$\frac{1}{4}$ mile; 10″—1$\frac{3}{4}$miles; 9″—33$\frac{1}{4}$ miles; 8″—4$\frac{1}{4}$ miles; 7″—5 miles; 6″—98$\frac{3}{4}$ miles; 5″—39$\frac{3}{4}$ miles; 4″—29$\frac{1}{2}$ miles; and 3″—12 miles) were maintained during the year from the Repairs and Maintenance grant. There were 33 bursts on the various water mains (as detailed below) which were repaired promptly.

Maintenance of mains and bursts.

48″—1, 24″—1, 9″—5, 6″—4, 5″—4, 4″—4, 3″—14.

48. 2,348 meters of different sizes ($\frac{1}{2}$″ to 6″) were in use and were maintained at a cost of Rs.27,977 during the year. The number of meters replaced was 909, and of those repaired was 1,174. To total revenue from hire of meters was Rs.67,745. Meters were purchased at a cost of Rs. 300 during the year.

Meters.

Buildings.

49. The repairs and paintings to the buildings of the Water Works Department within the City were carried out through the petty works contractors at a total cost of Rs.5,680.

Trenches.

50. 12,561 Nos. of trenches 25 to 100 feet in length were excavated for trial pits and general repairs and maintenance works all over the City. All the trenches were restored through the City Engineer's Department. The total cost for excavation and restoration of the trenches amounted to Rs. 48,098.

Transport.

51. Three motor lorries and a dozen of hand trucks were maintained during the year for transport of materials, etc., at a cost of Rs.5,001. The total mileage covered by the motor trollies during the year was 25,686. As the number of lorries is insufficient to cope up with the increased maintenance and loan works, proposal for a new tractor lorry was under consideration. Five rubber tyred hand carts for transport of light materials were purchased during the year from Loan Works Account.

Private parties works.

52. 1,025 number of works of giving connections, etc., to the private parties were carried out, at party's cost of about Rs.27,215.

Testing of water fittings.

53. The testing of Galvanised iron pipes ($\frac{1}{2}$" to 4") and Cast Iron pipes (3" to 48"), of Galvanised Iron and Cast Iron fittings such as couplings, bends, tees, tapers, etc., of brass fittings such as ferrules, stops and bib taps, waste-not taps, ball taps, pillar taps, globe taps and other fittings as 3" to 30" sluice valves, New Pattern and Stand Post hydrants, Cast Iron and porcelain water-closet cisterns and their fittings, canvas hose pipes, etc., etc. were carried out during the year at the Chinchpolki workshops. The total number of such fittings tested was 96,831, and the revenue derived therefrom was Rs. 3,686. As difficulties have been experienced in testing long lengths of large size mains, proposals to purchase a suitable testing machine were sanctioned during the year.

54. The total cost incurred under " materials for general works and repairs within the City " for works included in paras 31, 32, 38, and 47 was Rs. 44,417.

New Works.

55. New Works as per details in Appendix ' G ' were carried out during the year out of the New Works grant at a total cost of Rs. 14,797.

Loan Works.

56. About 111 feet of 5" main, 18,819 R.ft. of 6" mains, 8,726 R.ft. of 9" mains, 550 R.ft. of 12" mains, 2,783 R.ft. of 18" mains, 11,873 R.ft. of 30" mains were laid at a total cost of Rs. 4,72,451. Other works such as, Reconditioning of Reservoirs, taking exploratory borings in Tansa Dam, Petometer Survey, etc. were carried out at a cost of Rs. 67,465 as per details shown in Appendix G.

Worn-out mains.

57. 1,666 R.ft. of 4" water main in Dharavi Road between Bombay Agra Road and 12 ft. Dharavi Passage was replaced by 9" and 6" mains and 9" and 6" mains on Sewri New Road was replaced by 12" main out of the " Worn-out water mains Renewal Fund " at a cost of Rs. 7,415 and Rs. 50,630 respectively.

## VII. SURVEY AND DESIGN BRANCH.

Estimates, plans, etc.

58. Schemes in general for the improvement of water supply and to the affected localities in particular were designed during the year. 175 estimates for provision or enlargement of water mains and other works amounting to Rs. 19,14,500 were prepared during the year. The number of tracings and blue prints prepared during the year was 281 and 2,100 respectively.

59. Records for the lakes including levels, rainfall, yield, evaporation and supply from the various sources were maintained and submitted to the Corporation every month and every week during the monsoon.

Extra charge for water used for building purposes.

60. 1,719 cases of extra charge (735 for petty-repairs and 984 for new buildings) for water used for constructional purposes were framed as against 1,344 (688 for petty repairs and 656 for new buildings) of the preceding year, resulting in a total estimated revenue of Rs. 1,71,477 as against Rs. 1,01,602 of the preceding year.

Drawing Materials.

61. Drawing materials to the value of Rs. 583 were purchased during the year.

## VIII. WORKS OF INTEREST.

Exploratory Borings in Tansa Dam.

62. The work of taking exploratory borings in the Tansa Dam was carried out during the year at a total cost of Rs. 45,790 with the object of finding out (1) the presence of uplift at the base of the Dam, (2) the quality of masonry forming the hearting of the Dam. The results of the borings do not warrant any undue fears or apprehensions as regards uplift or quality of masonry. However steps should be taken to prevent the existing leaks to guard against the eroding action. A complete report on the Exploratory Borings with recommendations to make the Dam water-tight will be submitted to the Corporation during the commencement of the next year.

Pitometer Survey.

63. Part Survey of the distributory and trunk water mains by pitometer gaugings was made during the year at a cost of Rs. 5,722. 56 gauging stations were fixed in the various parts of the City and results were recorded for 24 hours. The results are quite instructive and further work will be carried out during the ensuing year. A complete report on Pitometer Survey will be submitted to the Corporation on completion of the Survey.

Welding Patch plates and metal spraying the 57″ steel mains in the Bandra Creek.

64. As an experimental measure the work of welding 4 feet wide patch to the bottom of the 57″ steel mains at places where they were corroded due to the action of sea water and metal spraying (aluminium) the lower half portion of the mains were carried out through Messrs. Autogenous Welding Co. The work proved to be quite suitable for corroded portions of the mains as it could be carried out without disturbing the supply in any way. In view of this, further programme for additional repair works is under consideration.

Water proofing Malabar Hill and Bhandarwada Hill Reservoirs by guniting.

65. With the object of making the reservoirs water proof and more sound, gunite work was carried out on an experimental scale to the extent of Rs. 9,235. One of the blocks of the Bhandarwada Reservoir No. 1 was treated with 2″ gunite reinforced with B. R. C. fabric 6″ square 3/16″ wires. The entire floor, 2 feet of the partition walls and 15 ft. height of the end walls were thus treated with successful results. All the visible leaks have stopped around the portion so treated. As a result it has been proposed to treat both the reservoirs similarly with gunite in stages as funds permit. Plans and estimates amounting to Rs. 5,93,600 for the above work have been sanctioned by the Corporation during the year.

Vaitarna River Gaugings.

66. Rainfall and River gaugings of the Vaitarna River were carried out during this year also in order that comparison of the behaviour of rainfall and yield of its catchment can be made with that of Tansa. The total rainfall amounted to 124.04 inches. The figures have been instructive and useful.

## IX. GENERAL.

Staff.

67. The details of the staff of the Water Works Department is shown in the geneological table marked Appendix (I). The total establishment cost during the year was Rs. 3,24,890. The Provident Fund and Pension charges for this department amounted to Rs. 77,025. The cost of the Scheduled Labour Staff including artisans, etc. (586 Nos.), amounted to Rs. 1,90,152.

Housing of the Staff.

68. There is no free housing accommodation for the superior staff within the City except for Assistant Engineer Distribution, one Senior Inspector Maintenance, two reservoir attendants at Malabar Hill Reservoir and Bhandarwada Hill Reservoir and one Stores Clerk who are required to be on duty at any time of the day. The Hydraulic Engineer is provided with accommodation at full standard rent and two Inspectors and one Sub-overseer in the distribution branch at concessional rents. The superior staff outside the City is provided with free quarters, as their attendance is required at any hour of the day. Out of 820 permanent and semi-permanent labour and other menial staff of the Department, 236 are provided with free accommodation, while 5 are provided at a concessional rate, and 16 at full standard rents. 323 persons are willing to occupy free accommodation and the question of giving them necessary accommodation was under consideration at the close of the year.

Clothing. 69. Khaki uniforms, water proof and woollen coats were supplied to 644 members of the staff mostly menials at a total cost of Rs. 4,705.

Ground & Building Rent. 70. Ground and building rents and assessment charges inside and outside the City amounted to Rs. 1,285 during the year.

Contingencies. 71. Contingencies charges such as postage, conveyance, etc., amounted to Rs. 645 for the year.

Electrical Energy. 72. The cost of Electrical energy supplied to Ward Offices of this Department amounted to Rs. 544 for the year.

Plant and Machinery. 73. No plant or machinery was purchased during the year. The depreciation of plant and machinery amounted to Rs. 913 for this year. Tools costing Rs. 1,800 were purchased during the year.

Books and Periodicals. 74. Books and Periodicals to the value of Rs. 117 were purchased during the year.

Printing and Stationery. 75. Printing charges amounted to Rs. 4,150 during the year and stationery to the value of Rs. 799 were purchased during the year for the use of the department. The cost of advertisements amounted to Rs. 49.

76. Minor and unforeseen charges amounted to Rs. 1,308.

Costing. 77. The total expenditure on Water Works amounted to Rs. 63,77,011 which includes about Rs. 52,17,360 for interest and sinking fund charges etc. for loans raised for water works, and Rs. 2,50,823 for proportionate charges for General Superintendence and Revenue Collection. The total revenue derived from water works was Rs. 75,50,381, leaving a net profit of Rs. 11,73,370.

I have the honour to be,
Sir
Your most obedient servant,

E. A. NADIRSHAH,

*Hydraulic Engineer.*

# Appendix "A".

Statement showing the quantity of water used for different purposes during the year 1937-38.

| Serial No. | Particulars. | Quantity m.g. | Percentage. | Remarks. |
|---|---|---|---|---|
| 1 | Bungalows and Gardens .. .. .. .. .. | 303 | 0.86 | Metered. |
| 2 | Milch Cattle Stables .. .. .. .. .. | 267 | 0.75 | „ |
| 3 | Other Stables .. .. .. .. .. .. | 74 | 0.21 | „ |
| 4 | Mills .. .. .. .. .. .. .. .. | 1,672 | 4.74 | „ |
| 5 | Dyeing and Bleaching Works .. .. .. .. | 626 | 1.78 | „ |
| 6 | Gymkhanas, Playgrounds, etc. .. .. .. .. | 43 | 0.12 | „ |
| 7 | Race Course .. .. .. .. .. .. | 39 | 0.11 | „ |
| 8 | Industries .. .. .. .. .. .. .. | 323 | 0.92 | „ |
| 9 | Laundries and Dhobighats .. .. .. .. .. | 65 | 0.18 | „ |
| 10 | Hotels .. .. .. .. .. .. .. | 45 | 0.13 | „ |
| 11 | Flour Mills .. .. .. .. .. .. .. | 15 | 0.04 | „ |
| 12 | Municipal properties .. .. .. .. .. | 191 | 0.54 | „ |
| 13 | Government properties .. .. .. .. .. | 560 | 1.59 | „ |
| 14 | Railways .. .. .. .. .. .. .. | 667 | 1.89 | „ |
| 15 | Bombay Port Trust .. .. .. .. .. .. | 471 | 1.34 | „ |
| 16 | Private Buildings and Road Construction .. .. | 132 | 0.38 | „ |
| 17 | Private Buildings and Road Construction .. .. | 200 | 0.57 | Estimated. |
| 18 | Suburbs .. .. .. .. .. .. .. | 1,000 | 2.83 | Metered. |
| 19 | Fire purposes .. .. .. .. .. .. | 3 | 0.01 | Estimated. |
| 20 | Leakage and other unaccountable losses through Reservoirs, mains, etc. | 5,500 | 15.00 | Partly measured and partly estimated. |
| 21 | Road watering and cleaning .. .. .. .. | 190 | 0.54 | Estimated, |
| 22 | Gully flushing .. .. .. .. .. .. | 105 | 0.30 | „ |
| 23 | Domestic .. .. .. .. .. .. .. | 21,828 | 61.92 | „ |
| 24 | Miscellaneous such as Drainage and Sewerage works, Public conveniences, Hospitals, Charitable Institutions, etc. | 934 | 2.65 | „ |

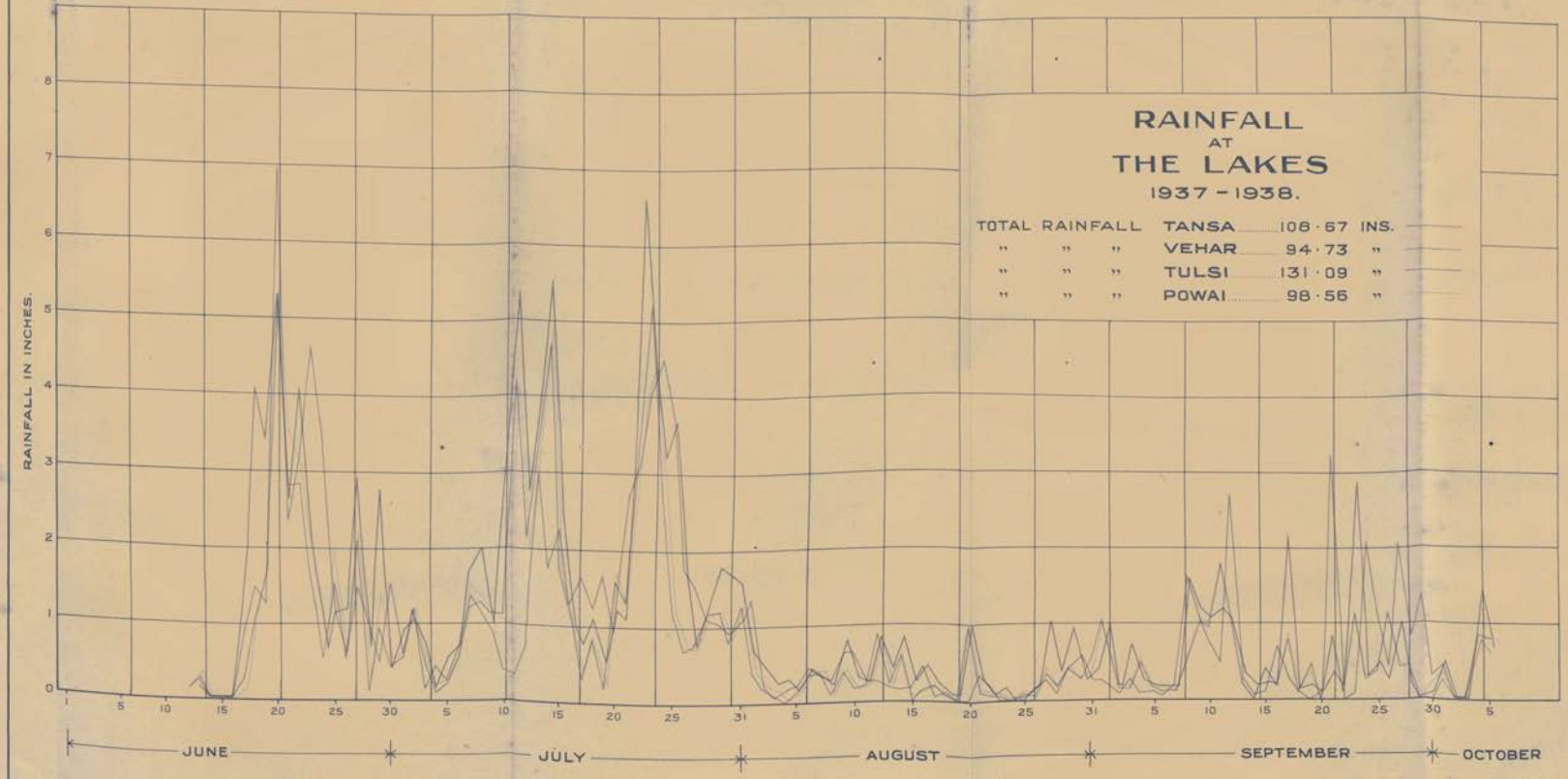
*N.B.*—Water was supplied free of charge in case of items 21, 22 and 24.

# Appendix "B".

## Statistics of the Lakes.

| | Tansa. | Vehar. | Tulsi. | Powai. |
|---|---|---|---|---|
| 1. Distance from Bombay in miles .. .. .. | 54 | 14 | 18 | 13 |
| 2. Lake area at F.S.L. in sq. miles .. .. .. | 7.31 | 2.81 | 0.52 | 0.57 |
| 3. Total catchment area in sq. miles .. .. .. | 52.5 | 7.32 | 2.61 | 2.58 |
| 4. Total Rainfall in inches .. .. .. .. .. | 108.67 | 94.73 | 131.09 | 98.56 |
| 5. Rainfall per cent. as compared with the average of preceding 5 years (+ above and—below) .. .. | + 18.52 | + 7.18 | + 18.93 | + 7.34 |
| 6. Number of wet days .. .. .. .. .. | 104 | 102 | 108 | 106 |
| 7. No. of days in which rainfall exceeded 1 inch .. | 24 | 23 | 23 | 26 |
| ,, ,, ,, 2 inches .. | 6 | 5 | 10 | 3 |
| ,, ,, ,, 3 inches and above .. | 10 | 6 | 12 | 8 |
| 8. Maximum rainfall per day in inches .. .. .. | 6.95 | 5.32 | 6.62 | 5.41 |
| 9. The Lake commenced to overflow when the rainfall amounted to inches .. .. .. .. .. | 51.96 | 68.77 | 63.62 | 33.40 |
| 10. Number of days the lake overflowed .. .. .. | 62 | 56 | 87 | 94 |
| 11. Full Supply Level of the Lake in feet above the Town Hall Datum .. .. .. .. .. .. | 420.00 | 264.50 | 456.50 | 195.00 |
| 12. Lowest level reached during the year in feet above the Town Hall Datum .. .. .. .. .. | 394.79 | 248.81 | 444.18 | 190.23 |
| 13. Contents of the lake at the F.S.L. in million gallons .. | 35,604 | 9,120 | 2,294 | 1,200 |
| 14. Contents of the lake in million gallons at the lowest level reached during the year .. .. .. | 9,865 | 4,018 | 1,213 | 770 |
| 15. The quantity of water required to fill up the lakes to F. S. L. from the lowest level reached in million gallons .. .. .. .. .. .. .. | 25,739 | 5,102 | 1,081 | 430 |
| 16. Quantity of water that overflowed over the waste weir in million gallons .. .. .. .. .. | 30,300 | 2,289 | 1,875 | 2,534 |
| 17. Percentage of run off into the lake from the catchment | 81 | 72 | 62 | 76 |
| 18. The total quantity of water brought into the City and suburbs during the year in million gallons .. .. | 30,015 | 4,703 | 535 | *Nil.* |
| 19. The total quantity of water brought into the City and suburbs per day in million gallons .. .. .. | 82.20 | 12.87 | 1.46 | *Nil.* |
| 20. Total loss of water due to evaporation, leakage and absorption in million gallons during the dry period (212 days) .. .. .. .. .. .. | 4,944 | 1,513 | 474 | 371 |
| 21. The average loss per day due to evaporation, absorption and other losses during the dry months in million gallons (212 days) .. .. .. .. .. | 23.32 | 7.14 | 2.24 | 1.75 |

APPENDIX C

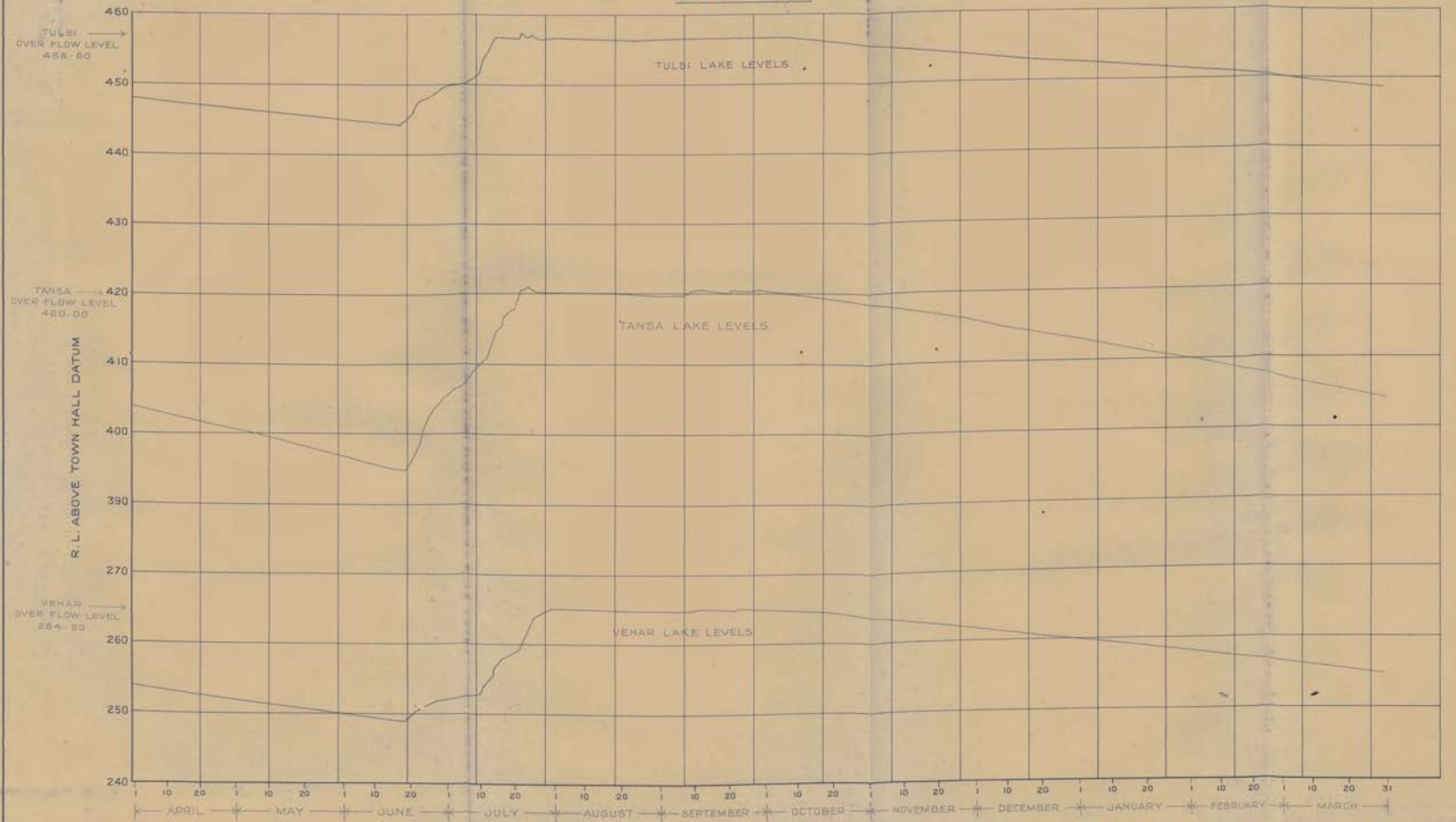



THE TIMES OF INDIA PRESS, BOMBAY.

APPENDIX D

# LAKE LEVELS.

## — 1937 - 1938. —


TULSI OVER FLOW LEVEL 458·60
TANSA OVER FLOW LEVEL 420·00
VEHAR OVER FLOW LEVEL 264·80
TULSI LAKE LEVELS.
TANSA LAKE LEVELS.
VEHAR LAKE LEVELS.
R. L. ABOVE TOWN HALL DATUM
460
450
440
430
420
410
400
390
270
260
250
240
1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 1 10 20 31
APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH

THE TIMES OF INDIA PRESS, BOMBAY.

Map
— OF THE —
— ISLAND OF BOMBAY —

THE TIMES OF INDIA PRESS, BOMBAY.

# Appendix "F".

Statement of Defects found on Mains and Service Pipes during the year 1937-1938.

| Months. | No. of Diagrams. | Total leakage discovered and arrested in gallons per hour. | DEFECTS. | | | | | | | | | | | | | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under Ground. | | | | | | | | | | Above Ground. | | | | | | | | | | |
| | | | Mains. | | Sluice valves. | Hydrants. | Service Pipes. | Stop Taps. | Disconnected service pipes. | | Miscellaneous Holes in Mains, etc. | Bib Taps. | | | Service Pipes. | | Ball Valves and Tanks. | | | Stop Taps leaking. | Meter Couplings. Flanges, Holes, etc. | | |
| | | | Bursts. | Joints. | | | | | Ferrule leak. | Pipe leak. | | Re-washered. | Out of order. | Left open. | Leaking. | Without Tap. | B. V. out of order. | Tanks without B. Vs. | Tanks leaking. | | | | |
| 1937. | | | | | | | | | | | | | | | | | | | | | | | |
| April .. .. .. | 115 | 208,148 | 23 | 14 | 77 | 344 | 259 | 134 | 10 | 17 | .. | 13 | 67 | .. | 77 | 3 | 12 | 36 | 47 | 44 | .. | | |
| May .. .. .. | 105 | 219,491 | 4 | 9 | 124 | 326 | 271 | 170 | 3 | .. | 6 | 25 | 61 | .. | 56 | 4 | 37 | 2 | 29 | 29 | .. | | |
| June .. .. .. | 114 | 224,531 | 6 | 14 | 89 | 287 | 204 | 147 | 2 | .. | 10 | 39 | 66 | .. | 41 | 3 | 13 | 11 | 57 | 61 | .. | | |
| July .. .. .. | 131 | 220,175 | .. | 5 | 91 | 227 | 192 | 129 | 1 | .. | 5 | 4,992 | 143 | .. | 60 | 3 | 30 | 25 | 345 | 25 | .. | | |
| August.. .. .. | 120 | 363,097 | .. | 10 | 104 | 417 | 259 | 158 | 2 | .. | 6 | 7,004 | 297 | .. | 183 | 6 | 39 | 54 | 663 | 49 | .. | | |
| September .. .. | 107 | 257,472 | .. | 7 | 92 | 272 | 281 | 131 | 2 | .. | .. | 6,426 | 255 | .. | 139 | .. | 17 | 39 | 228 | 21 | 4 | | |
| October .. .. | 118 | 282,236 | 1 | 5 | 108 | 297 | 312 | 148 | 2 | .. | 8 | 6,177 | 160 | .. | 107 | 2 | 13 | 33 | 304 | 12 | .. | | |
| November .. .. | 109 | 276,971 | 6 | 15 | 81 | 353 | 273 | 137 | 2 | .. | 11 | 4,318 | 300 | .. | 124 | 2 | 16 | 39 | 608 | 19 | .. | | |
| December .. .. | 119 | 268,943 | 5 | 10 | 96 | 321 | 278 | 165 | 2 | .. | 12 | 4,357 | 165 | .. | 86 | 2 | 12 | 56 | 254 | 15 | .. | | |
| 1938. | | | | | | | | | | | | | | | | | | | | | | | |
| January .. .. | 117 | 275,384 | 5 | 28 | 97 | 258 | 271 | 147 | 5 | .. | 3 | 4,860 | 163 | .. | 140 | .. | 8 | 68 | 188 | 20 | .. | | |
| February .. .. | 106 | 302,416 | 3 | 27 | 94 | 283 | 235 | 127 | .. | .. | 8 | 5,004 | 199 | .. | 169 | 5 | 15 | 91 | 156 | 23 | .. | | |
| March .. .. .. | 116 | 275,303 | .. | 22 | 95 | 292 | 241 | 135 | 2 | .. | 7 | 8,069 | 263 | .. | 145 | 3 | 18 | 55 | 123 | 22 | .. | | |
| Total .. | 1,377 | 3,174,167 | 33 | 166 | 1,148 | 3,677 | 3,076 | 1,728 | 33 | 17 | 76 | 51,284 | 2,139 | .. | 1,327 | 33 | 230 | 509 | 3,002 | 340 | 4 | | |
| Grand Total .. .. | 1,377 | 3,174,167 | 9,957 | | | | | | | | | 51,284 | 7,574 | | | | | | | | | | |

# Appendix. "G".

Statement showing the Works carried out of the "Loan Works" grant during 1937-38.

| Serial No. | Particulars. | Ward. | Length in ft. | Approximate Cost. | Remarks. |
|---|---|---|---|---|---|
| | | | | Rs. | |
| | | | *5" Mains.* | | |
| 1 | Enlarging 3" main in Mugbhat Cross Lane by 5" and extending the same for a length of 55'. | C | 111<br>930 | 546<br>1,569 | |
| 1A | Laying 5" main in Laxmi Narayan Lane Matunga .. .. .. .. .. | F | 1,041 | 2,115 | |
| | | | *6" Mains.* | | |
| 2 | Providing 6" distributory main in Block I Back Bay Reclamation Scheme .. .. | A | 2,348 | 8,566 | Hydrants included in the cost of 9" mains Block I and II. |
| | Providing 6" distributory main in Block II Back Bay Reclamation Scheme .. .. | A | 309 | 875 | |
| 3 | Laying 6" water main in Arthur Bunder Road and in the proposed extension of Strand Road and Mereweather Road. | A | 267 | 1,282 | 5' of 3" main for I S. P. hydrant. |
| 4 | Providing 6" main in either footpath of Sir Pherozshah Mehta Road between Hornby Road and Bazar Gate Street. | A | 746 | 3,185 | 40' of 3" main for 4 S. P. hydrants. |
| 5 | Laying 6" main in the layout of Colaba Railway lands and in the 1st, 2nd and 3rd Pasta Lanes and diverting a length of 5" main in Wodehouse Road. | A | 1,341 | 6,827 | 265' of 3" main for 9 S. P. hydrants. |
| 6 | Providing 6" main in Mahomedalli Road East footpath between Musjid Bunder Road and Carnac Road. | B | 861 | 4,751 | 30' of 3" main for 4 S. P. hydrants. |
| 7 | Providing a length of 6" main in West footpath of Mahomedalli Road to join with 5" main in Nagdevi Street. | B | 39 | 393 | |
| 8 | Extending 6" water mains in Roads No. 7 and 9 in Naoroji Hill Estate Scheme No. 29. | B | 909 | 3,750 | 134' of 3" main for 5 S. P. hydrants. |
| 9 | Replacing a short length of 3" main by 6" in Packmodia Street and extending the same along intervening portion between Grant Road and Guzar Street. | C | 911 | 6,457 | 72' of 3" for 2 S.P. hydrants and 5 N.P. hydrants. |
| 10 | Enlarging the 3" main to 6" in Kolbhat Wadi and extending the same upto Kolbhat Street. | C | 470 | 2,330 | 11' of 3" main vor 4 N. P. hydrants. |
| 11 | Providing a 6" main with S. P. hydrants on new West footpath of Parel Road between Byculla Bridge and Victoria Road. | F | 598 | 2,920 | |
| 12 | Providing 6" main in Mogul Lane from Lady Jamshedji Road to Tulsi Pipe Line .. | G | 855 | 2,021 | |
| 13 | Laying 6" main in proposed 40' Road from Plot No. 86 to Plot No. 1 in Worli Hill Estate Scheme No. 52. | G | 1,679 | 6,284 | 24' of 3" main for 8 S. P. hydrants. |
| 14 | Providing new water mains in Mahim District .. .. .. .. .. .. | G | 2,662 | 9,385 | 336' of 3" main for 11 S. P. hydrants. |
| 15 | Laying further water mains in some of the roads in Mahim District .. .. .. | G | 3,480 | 9,450 | 518' of 3" main for 15 S. P. hydrants. |
| 16 | Providing additional water mains in Mahim Development Scheme and Sayani Road. | G | 1,344 | 2,596 | 154' of 3" main for 6 S. P. and 2 N. P. hydrants. |
| | | | 18,819 | 71,072 | |
| | | | *9" Mains.* | | |
| 17 | Providing 9" distributory mains in Block No. I of Back Bay Reclamation Scheme .. | A | 589 | 5,568 | 538' of 3" main for 22 S. P. hydrants. |

## Appendix G—*Contd.*

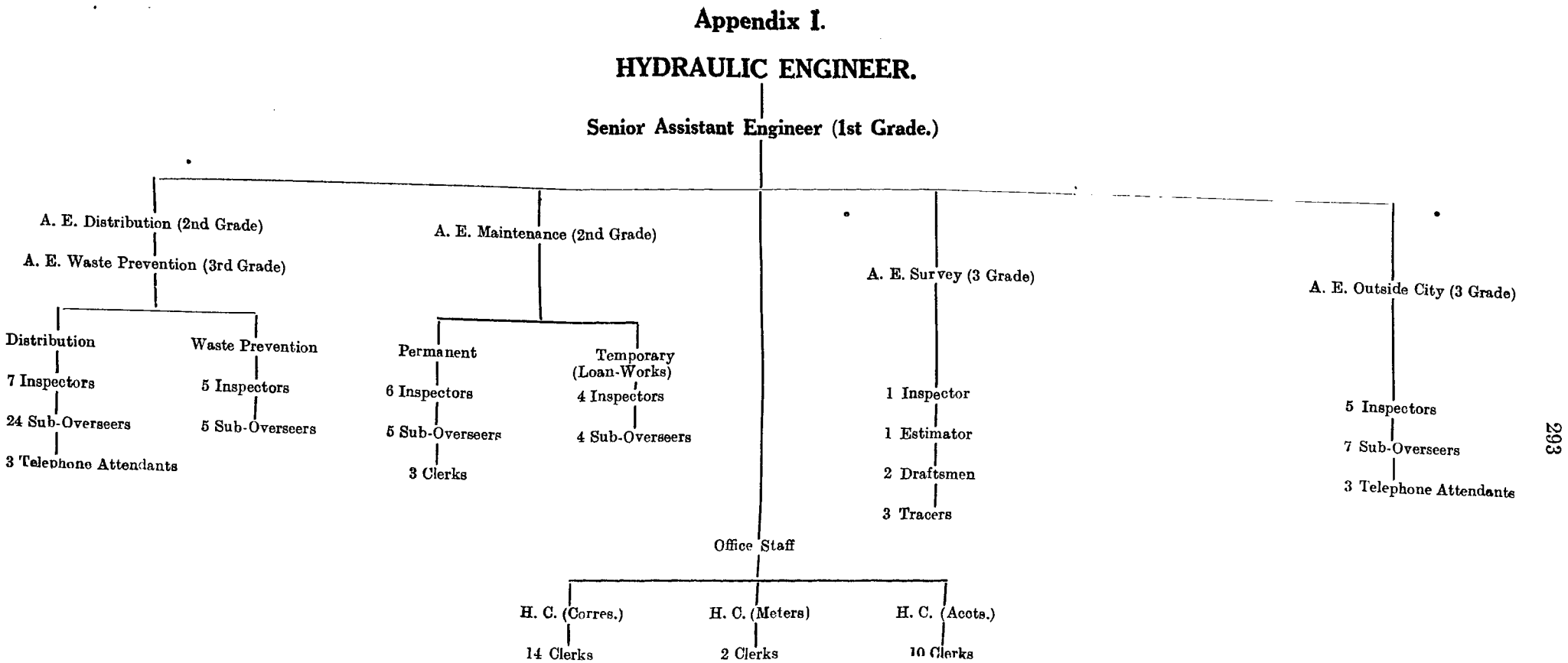
| Serial No. | Particulars. | Ward. | Length in ft. | Approximate Cost. | Remarks. |
|---|---|---|---|---|---|
| | | | | Rs. | |
| | | | 9″ *Mains.* | | |
| 18 | Providing 9″ distributory mains in Block No. II of Bombay Reclamation Scheme .. | A | 1,682 | 8,690 | 193′ of 3″ main for 15 S.P. hydrants. |
| 19 | Providing water mains with hydrants, etc., in the layout of Roads in Scheme No. 57, Sewri Wadala. | F | 1,294 | 8,857 | 190′ of 3″ main for 7 S.P. and 1 N.P. hydrants. |
| 20 | Providing 9″ main in western carriage way about 5′ from the kerbing in Vincent Road from Dadar and main Road upto Naigaum Cross Road. | F | 2,460 | 20,307 | 25′ of 3″ main for 10 S. P. hydrants. |
| 21 | Providing 9″ main in Globe Mill Lane .. .. .. .. .. .. .. | G | 2,701 | 14,760 | |
| | | | 8,726 | 58,182 | |
| | | | 12″ *Main.* | | |
| 22 | Providing water mains with hydrants, etc., in the layout of Roads in Scheme No. 57, Sewri Wadala (Road No. 15). | F | 550 | 3,669 | 4′ of 3″ main for 1 N. P. hydrant. |
| | | | 550 | 3,669 | |
| | | | 18″ *Main.* | | |
| 23 | Extending 18″ main in King Edward Road from Haffkine Institute upto junction of Sewri New Road. | F | 2,783 | 39,186 | 101′ of 3″ main for 11 S.P. hydrants. |
| | | | 2,783 | 39,186 | |
| | | | 30″ *Mains.* | | |
| 24 | Providing 30″ trunk main from Malabar Hill Reservoir to Block No. I with cross connection to 24″ main in Church Gate Street. | A | 9,849 | 2,50,313 | |
| 25 | Providing a 30″ trunk main from the end of Block No. I along Marine Street and 120′ Road opposite Band Stand with a cross connection to existing main near Wellington Fountain. | A | 2,024 | 47,914 | |
| | | | 11,873 | 2,98,227 | .... I. Total 4,72,451. |
| 26 | Making a Pitometer Survey of the trunk and distributory water mains in the City.. | | | 5,722 | Part work carried out. 53 gauging stations fixed and results recorded for 24 hours. |
| 27 | Taking exploratory borings in the Tansa Dam to determine the uplift pressure and examine the quality of masonry. | | | 45,790 | Work completed. |
| 28 | Conversion gradually of an adequate number of underground hydrants out of the existing 4,849 underground hydrants into stand post hydrants to prevent pollution of water supply of the City. | | | 6,718 | 48 underground hydrants were converted to Stand Post hydrants. |
| 29 | Renewing the 48″ Sluice Valves in Sluice House No. 1 at Bhandarwada Reservoir .. | | | *Nil.* | Grant Renewed. Sluice Valve indented. |
| 30 | Measure for preventing the leakage from Malabar Hill and Bhandarwada Reservoirs. | | | 9,235 | One of the blocks of Bhandarwada Reservoir No. 1 treated with 2″ reinforced gunite. |
| | | | | 67,465 | .... II. Total 67,465 Grand Total 5,39,916. |

# Appendix H.

Works carried out of the "New Works" (Revenue) grant.

| Serial No. | Particulars of work. | Amount Provided. | Approximate expenditure. | Remarks. |
|---|---|---|---|---|
| | | Rs. | Rs. | |
| 1 | Replacing 57″ steel mains in Bandra Creek by cut pieces from old pipes and providing chairs underneath. | 9,430 | 3,644 | 100 R. ft. of 57″ steel mains were welded with 4½′ wide and ¼″ thick patch plates on experimental scale and spray painted with metal (aluminium) paint. |
| 2 | Providing a ramp over the 48″ Vehar main in place of the existing "Hall Bridge" at Kurla. | 2,242 | *Nil.* | Work postponed due to negotiations with Kurla Municipality who wanted a wider road at their cost. |
| 3 | Providing 3 Unit Quarters for linemen and the staff on the Chlorination Plant at Bhandup. | 2,010 | 1,937 | Work completed. |
| 4 | Taking trial pits on 57″ steel mains in the City in order to ascertain the condition of the plates. | 2,520 | 2,501 | 15 Trial pits were taken and the condition of the main was not found satisfactory in all cases. |
| 5 | Replacing the two broken 36″ Sluice valves and rebuilding the anchor block at Jamboli (mile 8 from Tansa). | 10,300 | Postponed. | Work postponed due to transfer of the grant to other more urgent works. |
| 6 | Providing a low W. I. Ornamental railing on the parapet wall at the Bhandarwada Hill Reservoir and a barbed wire fencing on the Hill-top. | 2,030 | 1,075 | Work in progress. Grant renewed in the next year. |
| 7 | Providing indicating boards to underground hydrants in the City .. .. .. | 2,337 | 2,334 | 328 indicating boards provided in the various parts of the City. |
| 8 | Diverting 6″ main in Imamwada Road .. .. .. .. .. .. | 865 | 570 | 52 ft. of 6″ water main was diverted, as it was crossing a drain. |
| 9 | Constructing a one seated W.C. (including a washing place) for the use of the Ward Office Staff at Gowalia Tank Office. | 750 | *Nil.* | Work postponed. Grant renewed in the next year. |
| 10 | Works carried out of the renewed grants of previous year .. .. .. .. | 3,766 | 2,736 | |
| | | 36,250 | 14,797 | |

## Appendix I.


HYDRAULIC ENGINEER.
Senior Assistant Engineer (1st Grade.)
A. E. Distribution (2nd Grade)
A. E. Waste Prevention (3rd Grade)
Distribution
7 Inspectors
24 Sub-Overseers
3 Telephone Attendants
Waste Prevention
5 Inspectors
5 Sub-Overseers
A. E. Maintenance (2nd Grade)
Permanent
6 Inspectors
5 Sub-Overseers
3 Clerks
Temporary (Loan-Works)
4 Inspectors
4 Sub-Overseers
A. E. Survey (3 Grade)
1 Inspector
1 Estimator
2 Draftsmen
3 Tracers
A. E. Outside City (3 Grade)
5 Inspectors
7 Sub-Overseers
3 Telephone Attendants
Office Staff
H. C. (Corres.)
14 Clerks
H. C. (Meters)
2 Clerks
H. C. (Accts.)
10 Clerks

# FIRE BRIGADE.

No. F/6601/S.R. of 1938-1939.

BOMBAY, 16*th May* 1938.

FROM

THE CHIEF OFFICER,
BOMBAY FIRE BRIGADE,
BYCULLA, BOMBAY.

To

THE MUNICIPAL COMMISSIONER
FOR THE CITY OF BOMBAY,
BOMBAY.

SIR,

I have the honour to submit my Annual Report on the working of the Brigade for the year 1937-38.

*Calls.*—The numbers of calls totalled 537 as against 624 in the previous year. Of these calls 435 were received to 346 actual fires, 93 were false alarms and 9 in respect of special services. In some cases more than one call was received for the same fire. Compared with last year the number of actual fires shows a decrease of 65. Of the 93 false alarms 34 were found to be malicious (24 by fire alarms and 10 by telephones) 18 were given with good intent and 41 were caused by electrical defects, etc.

*Fire Loss.*—The estimated loss on account of fire amounted to Rs. 9,98,986 showing a decrease of Rs. 12,48,659 compared with the previous year, and Rs. 4,12,676 below the average of the last three years. Rs. 8,89,516 of the year's loss represented insured and Rs. 1,09,470 uninsured property whilst the total property at risk was valued approximately at Rs. 3,41,56,052.

*Water Supply.*—The supply of water throughout the year was satisfactory and the attendance of the Water Department prompt on all occasions. The approximate quantity of water used at fires was 33,95,361 gallons of which 29,17,261 were drawn from mains and 4,78,100 gallons from sea, tanks and wells.

*Lives Lost, etc.*—Three persons were burned to death and eleven received such injuries that they subsequently succumbed. Fifteen persons received serious or minor injuries from which they have since recovered. First-Aid to injured persons was rendered by the Brigade on 23 occasions. These particulars refer only to fires at which the Brigade attended.

*Fire Alarms.*—Fifty-six per cent. of the calls during the year were given through the fire alarm system. The total number of fire alarms in use in the City including 25 private alarms was 186. Seven arrests were made in connection with malicious interferences with fire alarms. In two cases the accused persons were found to be mentally defective and were dealt with accordingly. Two were discharged for want of evidence and of the remaining three cases one was sentenced to one day's simple imprisonment, one was fined Rs. 5 or in default to suffer one week's imprisonment and the other was fined Rs. 10 or in default to suffer 10 days' simple imprisonment.

*Appliances.*—Two new motor fire pumps and one 60 feet fire escape, which were ordered last year were delivered early in May last and another motor fire pump, a trailer fire pump, a 100 feet all metal turntable ladder fitted with a fire pump and a 60 feet fire escape provided for in the Budget for the year under reference were received and placed in commission during the year. A new motor chassis was also received and sent to the Municipal Workshops where a body is being built and fitted for use as a general service lorry. Provision for the purchase

of two motor fire pumps and one 50 feet fire escape has been made in the ensuing year's budget to replace other appliances which are now unreliable. Conversions from solid to pneumatic tyre equipment of some of the motor appliances were carried on during the year and by next year all Brigade vehicles will be running on pneumatic tyres.

*Stations.*—The foundation stone of the new fire station at Gunbow Street, Fort, which is to replace the present fire station at Hornby Road was laid by His Worship the Mayor of Bombay, Dr. E. Moses, M.D., J.P., on the 1st December 1937 and the building work is progressing favourably. It is expected that this station will be ready for occupation before October next. The question of having a fire station in the Bhendi Bazar area which is to replace the present Bhuleshwar Fire Station is under consideration and it is hoped that it might be possible to make part provision for this scheme in the ensuing year's budget.

The question of replacing the semi-permanent firemen's quarters at Headquarters Fire Station, Byculla, will also require urgent attention as the present buildings are old, insanitary and badly located.

*General.*—His Majesty the King-Emperor conferred the King's Police Medal on me on the 1st January 1938 in appreciation of my services in this Brigade.

On the 3rd February 1938, I was taken ill with a severe attack of Broncho-pneumonia and in consequence was placed on the sick list till the 2nd March 1938. During this period Mr. P. Scully, the Second Officer, was in charge of the Brigade.

It is with regret that I have to record that Tindal Baboo Narayan lost his life in the execution of his duties at the fire in the s.s. " Kidderpore " at Alexandra Docks on the 15th February 1938. His widow and children will be granted special pensions permissible under the Pension Rules.

The distance run by the fire appliances to and from 537 calls totalled 3,668 miles.

Inspections of hydrants were regularly carried out and all defects remedied at once.

Fifty-six Theatres and Cinemas and seven hundred and thirty-one premises in connection with dangerous trades were inspected during the year.

One instruction class in First-Aid was arranged during the year. Out of 18 men who appeared for the St. John's Ambulance examination, 16 passed. About 91 per cent. of the uniformed staff have passed this examination.

*Ambulance Service.*—Five hundred and seventeen calls in respect of accidents, 735 in respect of maternity cases and 1,902 hire calls were responded to by Brigade ambulances as against 476 for accident, 838 for maternity cases 1,714 for hire during the previous year. 3,222 persons were carried as against 3,089 last year and the total distance run by the ambulances was 22,780 miles. Receipts from hire cases amounted to Rs. 10,466 as against Rs. 9,466 last year.

First-Aid was rendered by the staff on 216 occasions.

A new motor ambulance in place of the one condemned was purchased during the year. The body of the Sir Mangaldas Mehta Free Maternity ambulance was replaced by a new one during this year. The cost of building this body was met from a donation of Rs. 1,500 received from Sir Mangaldas Mehta for the purpose.

In conclusion, I wish to express my thanks to the officers of the Water Department, the Police and the Salvage Corps for their assistance on all occasions.

I have the honour to be,

Sir,

Your most obedient servant,

N. COOMBS,

*Chief Officer, Fire Brigade.*

BUDGETTED STRENGTH AND EQUIPMENT OF THE BRIGADE.

*Strength.*

| | | | |
|---|---|---|---|
| 1 | Chief Officer. | 24 | Motor Drivers. |
| 1 | Second Officer. | 27 | Tindals. |
| 12 | Station Officers. | 191 | Firemen, etc. |
| 1 | Motor Mechanic. | 1 | Turncock. |
| 1 | Sub-Officer. | 1 | Carpenter. |
| 4 | Fitters. | | |

Office Staff—5 Clerks.
Ambulance Staff—6 Motor Drivers and 15 Attendants.

*Equipment.*

| | | | |
|---|---|---|---|
| 16 | Motor Pumps (all fitted with First-Aid appliances, 9 carrying Fire Escapes and 7 Extension Ladders.) | 4 | 60 feet Fire Escapes. |
| 1 | Trailer Fire Pump. | 9 | Extension Ladders. |
| 1 | 100 feet all metal Turntable Ladder with pump. | 11 | Hook Ladders. |
| 1 | 85 feet Motor Turntable Ladder. | 7 | Hose Reels. |
| 1 | 82 feet Motor Turntable Ladder. | 29 | Smoke Helmets or Breathing Apparatus. |
| 1 | Motor Emergency Tender. | 1 | Oxy-Acetylene Cutting Plant. |
| 1 | Motor Car. | 1 | Foam Generator. |
| 2 | Motor Lorries. | 40,000 feet of Rubber-lined Hose. | |
| 6 | 50 feet Fire Escapes. | | Chemical Extincteurs and other small Appliances. |

6 Motor Ambulances.

## APPENDIX I.

## BOMBAY FIRE BRIGADE.

Statement showing Distribution of Appliances, Staff, etc.

| No. | Stations. | APPLIANCES, ETC. | | | | | | | | | | | | | | | STAFF. | | | | | | | | | | AMBULANCE SERVICE. | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Motor Pumps. | Trailer Fire Pump. | Motor Turntable Ladders. | Motor Turntable Ladder with Pump. | Motor Emergency Tender. | Motor Car. | Motor Lorries. | Fire Escapes. | Extension Ladders. | Hook Ladders. | Hose Reels. | Smoke Helmets or Breathing Apparatus. | Oxy-Acetylene Cutting Plant. | Foam Generator. | Rubber-lined Delivery Hose in 50 feet lengths. | Station Officers including 2nd Officer. | Motor Mechanic. | Sub-Officer. | Fitters. | Motor Drivers. | Tindals. | Firemen, etc. | Turncocks. | Carpenter. | Ambulance Cars. | Drivers. | Firemen. | |
| 1 | Headquarters. | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 4 | 6 | .. | 18 | 1 | 1 | 305 | 4 | 1 | 1 | 4 | 11 | 13 | 68 | .. | 1 | 4 | 4 | 11 | |
| 2 | Alexandra Docks .. | 2 | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 3 | .. | .. | 80 | 2 | .. | .. | .. | 2 | 2 | 18 | .. | .. | 1 | 1 | 2 | |
| 3 | GowaliaTank. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | 45 | 1 | .. | .. | .. | 1 | 1 | 12 | .. | .. | .. | .. | .. | |
| 4 | SewreeCotton Depot .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 2 | 1 | .. | .. | 60 | 1 | .. | .. | .. | 1 | 1 | 14 | .. | .. | .. | .. | .. | |
| 5 | Babula Tank | 2 | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | | .. | 60 | 1 | .. | .. | .. | 2 | 2 | 15 | .. | .. | .. | .. | .. | |
| 6 | Fort .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | 30 | 1 | .. | .. | .. | 1 | 1 | 11 | .. | .. | .. | .. | .. | |
| 7 | Colaba .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | 40 | 1 | .. | .. | .. | 1 | 1 | 12 | .. | .. | .. | .. | .. | |
| 10 | Dadar .. .. | 2 | .. | .. | .. | .. | .. | .. | 1 | 1 | 4 | 1 | 1 | .. | .. | 80 | 1 | .. | .. | .. | 2 | 2 | 14 | 1 | .. | 1 | 1 | 2 | |
| 11 | Bhuleshwar.. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | 40 | .. | .. | .. | .. | 1 | 2 | 10 | .. | .. | .. | .. | .. | |
| 12 | Mandvi .. | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | 60 | 1 | .. | .. | .. | 2 | 2 | 17 | 1 | .. | .. | .. | .. | |
| | Total .. | 16 | 1 | 2 | 1 | 1 | 1 | 2 | 10 | 9 | 11 | 7 | 29 | 1 | 1 | 800 | 13 | 1 | 1 | 4 | 24 | 27 | 191 | 2 | 1 | 6 | 6 | 15 | |

## APPENDIX II.

### BOMBAY FIRE BRIGADE.

**Summary** of Calls to Fires (including False Alarms) showing the Number of Times Appliances of the Fire Brigade attended and were used for Extinguishing Fires during the year 1937-38.

| No. | Stations. | Number of Fire Alarms attached. | | How Called. | | | | | | Appliances Attended. | | | | | Extinguished By | | | | | | | | | | Smoke Helmets or Breathing Apparatus Used. | Fan Blower Used. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fire Brigade. | Private. | By Stranger. | By Fire Alarm. | By Exchange Telephone. | By Police or Salvage Corps. | By Private Telephones. | Total. | Motor Pumps carrying Escapes or Ladders. | Trailer Fire Pump. | Motor Turntable Ladders. | Motor Turntable Ladder with Pump. | Motor Emergency Tender. | Buckets. | Sand. | Hand Pumps. | Chemical Extinctors. | First-Aid Appliances. | Hydrants. | Motor Pumps. | Foam Generators. | Automatic Sprinklers Actuated. | | | |
| 1 | Headquarters .. | 16 | 4 | 3 | 29 | 180 | 1 | .. | 213 | 204 | 3 | 60 | .. | 36 | 4 | 3 | .. | 4 | 17 | 21 | 41 | .. | 31 | 4 | .. | | |
| 2 | Alexandra Docks .. | 17 | 1 | .. | 13 | .. | 1 | 1 | 15 | 90 | .. | .. | .. | .. | 1 | 1 | .. | 1 | 3 | 3 | 9 | .. | .. | .. | .. | | |
| 3 | Gowalia Tank .. | 27 | 3 | 5 | 41 | .. | .. | .. | 46 | 95 | .. | .. | .. | .. | .. | 2 | 1 | .. | 10 | 12 | 4 | .. | .. | .. | .. | | |
| 4 | Sewree Cotton Depot .. .. | 9 | 4 | 2 | 16 | .. | 1 | .. | 19 | 43 | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 24 | 10 | .. | .. | .. | .. | | |
| 5 | Babula Tank .. | 12 | 4 | 4 | 33 | .. | .. | .. | 37 | 226 | .. | .. | .. | .. | 4 | 1 | 1 | .. | 22 | 6 | 14 | .. | .. | 1 | .. | | |
| 6 | Fort .. .. | 12 | 5 | 6 | 19 | .. | 3 | .. | 28 | 104 | .. | .. | .. | .. | 11 | 6 | 1 | .. | 8 | 3 | 7 | .. | .. | 2 | .. | | |
| 7 | Colaba .. .. | 8 | 1 | 6 | 5 | .. | .. | .. | 11 | 41 | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | .. | 5 | .. | .. | .. | .. | | |
| 10 | Dadar .. .. | 31 | 1 | 7 | 30 | .. | 2 | .. | 39 | 103 | .. | .. | .. | .. | 4 | 2 | .. | .. | 21 | 13 | 9 | .. | .. | .. | .. | | |
| 11 | Bhuleshwar .. | 19 | 1 | 9 | 92 | .. | .. | .. | 101 | 150 | .. | .. | .. | .. | 10 | 3 | 3 | 2 | 17 | 6 | .. | .. | .. | 1 | .. | | |
| 12 | Mandvi .. .. | 10 | 1 | 2 | 24 | .. | 2 | .. | 28 | 94 | .. | 95 | .. | .. | 2 | 1 | .. | 4 | 8 | 2 | 12 | .. | .. | .. | .. | | |
| | Total .. | 161 | 25 | 44 | 302 | 180 | 10 | 1 | 537 | 1,150 | 3 | 155 | .. | 36 | 36 | 19 | 7 | 12 | 112 | 90 | 111 | .. | 31 | 8 | .. | | |

# APPENDIX III.

## BOMBAY FIRE BRIGADE.

*Brief Details of the Most Serious Fires of the year 1937-38.

| Date. | Time. | Place. | Business. | Extinguished By | Damage. | Estimated Loss Rs. |
|---|---|---|---|---|---|---|
| 23rd April 1937 .. | 7-1 P.M. | Cotton Depot, Sewree. | Cotton Merchant. | Firemen with 1 motor pump and 6 hydrants. | About 1,770 bales of pressed cotton damaged by fire, heat, smoke and water in a corrugated iron shed building about 80 × 50 feet (used as cotton godown No. M 194). Building slightly by fire and heat .. .. | 60,500 |
| 1st May 1937 .. | 3-31 A.M. | Dadar Road, Dadar. | Cutlery and toys merchants, grocer and private. | Firemen with 6 motor pumps and 2 hydrants. | A building of 1, 2 and 3 floors about 200 × 150 feet (used as market, shops and dwellings) about one-third severely damaged by fire, heat, water and breakage and part of roof off. Contents consisting of a quantity of cutlery, toys, groceries, furniture and personal effects, etc., severely by fire, heat, smoke and water .. .. .. | 80,200 |
| 6th May 1937 .. | 8-56 A.M. | Apollo Street, Fort. | Films, tapestry, electrical goods and mill stores dealers, printers and insurance agents. | Firemen with 8 motor pumps. | A building of 3 floors about 150 × 150 feet (used as shops, offices, godowns and laboratory) about two-thirds severely damaged by fire, heat, water and breakage and most of roof off. Contents consisting of a large quantity of tapestry, cloth, canvas, cinematograph equipment, cotton samples, mill stores, electrical goods, office equipment, etc., severely by fire, heat, smoke and water .. .. .. .. | 1,92,770 |
| 10th May 1937 .. | 6-46 P.M. | Jakeria Bunder, Sewree. | Cotton Merchants. | Firemen with 6 motor pumps and 5 hydrants. | About 2,000 bales of pressed cotton damaged by fire, heat, smoke and water in a ground floor building about 80 × 40 feet (used as cotton godown No. W. 24). Roof by heat and breakage .. .. .. .. | 80,300 |
| 25th February 1938. | 4-14 P.M. | Dawn Mills, Ferguson Road, Parel. | Cotton Spinning. | Firemen with 8 motor pumps and 2 hydrants. | About 6,404 bales of pressed cotton damaged by fire, heat, smoke and water in a ground floor building about 120 × 50 feet (used as godown). Building by fire, heat and breakage .. | 1,35,000 |

## APPENDIX IV.

## BOMBAY FIRE BRIGADE.

Summary of Lives Lost at Fires during the year and Persons who received such Injuries Death subsequently ensued.

| Date. | Time. | Place. | Remarks. |
|---|---|---|---|
| 3rd April 1937 .. | 12-59 A.M. .. | Kazi Syed Street, Mandvi . | Shantabai Mohanlal, aged about 19 years. Burned to death. |
| 3rd April 1937 .. | 1-58 P.M. .. | Dariastan Street .. .. | Mangabai Mawji, aged about 50 years. Burned to death. |
| 5th April 1937 .. | 10-18 A.M. .. | Dady Shet Agiary Lane .. | Cooverbai Dhana, aged about 24 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 13th May 1937 .. | 5-36 P.M. .. | Bhoiwada, 2nd Lane .. | Devibai Raoji, aged about 18 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 21st May 1937 .. | 5-16 P.M. .. | Bhoiwada, 2nd Lane .. | Sushilabai Shantilal, aged about 18 years. Burned to death. |
| 31st May 1937 .. | 5-31 P.M. .. | Ripon Road, Cross Lane .. | Raisey Mohanji, aged about 60 years, severely burned on arms and legs. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 24th June 1937 .. | 6-30 P.M. .. | Kitchen Garden Road .. | Prabhawatibai Mansukhlal, aged about 32 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 17th August 1937 .. | 12-41 P.M. .. | Dadyshet Agiary Lane .. | Bai Laxmibai Shivshankar, aged about 35 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 8th September 1937. | 6-16 A.M. .. | Panjrapole Road .. .. | Deokuwarbai Oodhavji, aged about 28 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 20th September 1937. | 2-10 P.M. .. | DeSouza Street, Musjid Bunder Road. | Dhondoo Keshavlal, aged about 20 years, severely burned on body, legs and arms. Taken to hospital before the arrival of the Brigade. Since dead. |
| 30th October 1937.. | 12-23 P.M. .. | Shankar Shet Road .. | Bai Manubai Jayantilal Desai, aged about 22 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 5th November 1937 | 2-47 P.M. .. | Charni Road .. .. | Bai Mamoobai Moolji Dayal, aged about 35 years, severely burned on hands, legs and back. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 27th November 1937 | 7-26 A.M. .. | Vithalbhai Patel Road .. | Sushilabai Kantilal Shroff, aged about 18 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead. |
| 26th February 1938 | 1-14 P M. .. | Islampura Road .. .. | Hullmaniar, aged about 40 years, severely burned all over body. First-Aid rendered by the Brigade. Removed to hospital by Brigade ambulance Since dead. |

## APPENDIX V.

## BOMBAY FIRE BRIGADE.

Monthly Summary of Fires and Annual Losses for the period from 1928-1929 to 1937-1938.

| Year. | April. | May. | June. | July. | August. | September. | October. | November. | December. | January. | February. | March. | Total. | Estimated Loss. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Rs. |
| 1928-1929 | 14 | 29 | 20 | 13 | 14 | 14 | 30 | 21 | 8 | 27 | 25 | 23 | 238 | 20,20,755 |
| 1929-1930 | 20 | 34 | 23 | 11 | 10 | 17 | 25 | 20 | 26 | 22 | 32 | 37 | 277 | 13,07,941 |
| 1930-1931 | 27 | 30 | 26 | 12 | 19 | 21 | 26 | 15 | 20 | 29 | 17 | 27 | 269 | 11,84,792 |
| 1931-1932 | 16 | 25 | 14 | 17 | 10 | 16 | 22 | 32 | 22 | 34 | 26 | 30 | 264 | 9,44,702 |
| 1932-1933 | 17 | 132 | 29 | 25 | 20 | 19 | 26 | 29 | 26 | 31 | 32 | 26 | 412 | 28,95,841 |
| 1933-1934 | 24 | 30 | 25 | 19 | 17 | 18 | 28 | 26 | 30 | 28 | 23 | 29 | 297 | 9,73,059 |
| 1934-1935 | 16 | 18 | 28 | 23 | 19 | 15 | 19 | 33 | 24 | 30 | 18 | 40 | 283 | 11,00,883 |
| 1935-1936 | 35 | 37 | 22 | 14 | 8 | 17 | 36 | 22 | 29 | 24 | 27 | 27 | 298 | 8,36,459 |
| 1936-1937 | 18 | 20 | 25 | 21 | 16 | 29 | 95 | 47 | 44 | 43 | 25 | 28 | 411 | 22,47,645 |
| 1937-1938 | 30 | 46 | 27 | 28 | 20 | 20 | 24 | 45 | 23 | 32 | 34 | 17 | 346 | 9,98,986 |

# PUBLIC GARDENS.

No. G/193/SR of 1938-39.

BOMBAY, 25*th June* 1938.

FROM

THE SUPERINTENDENT,

MUNICIPAL GARDENS.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit the Annual Report on the working of the Municipal Gardens for the year 1937-38.

2. I continued to be in charge of the Gardens Department throughout the year.

3. The following gardens were maintained during the year under report :—

(1) Victoria Gardens ; (2) Elphinstone Circle Garden ; (3) Falkland Road Garden ; (4) Northbrook Garden ; (5) Victoria Square (Bhatia Bagh) ; (6) Wellington Fountain ; (7) Flora Fountain ; (8) Queen's Statue ; (9) Esplanade Bandstand ; (10) Chowpatty Bandstand ; (11) Dayam Bagh ; (12) King's Circle, Matunga ; (13) Tilak Bridge ; (14) P. A. Hormusji Garden, Dadar Parsi Colony ; (15) The Terrace Garden on the Marina, Worli ; (16) The Jacob Circle ; (17) Old Jewish Cemetery, Clare Road ; and (18) Wellington Garden, Cooperage.

4. The number of visitors to the Victoria Gardens during the year was 2,130,142 which shows an increase of 229,208 over the last year's figure. This gives an average of 2,255,616 for the last five years and an average of 6,179 per day.

5. Two nice big plots overgrown with trees and shrubs over debris were cleaned and planted with lawns and shrubs. The flower beds in the central avenue, near the Clock-Tower and elsewhere made the usual show of bright and variegated colours. The monsoon as well as the winter annuals fared well ; specially the latter were very much admired.

6. Seeds and plants were received and sent in exchange to the Cocoanut Grove Plantation, Florida ; the Hon'ble Mr. Justice J. K. Markell, Sydney, Australia ; Mr. A. Murphy, Woy Woy, Australia ; the Botanical and Zoological Gardens, Saigon, French Indo China ; the Royal Botanic Gardens, Sibpur, Calcutta ; the Botanic Gardens, Singapore ; Mr. C. Jinnarajadasa Adiar, Madras ; the Empress Botanic Gardens, Poona. Thanks are due to the Hon'ble Mr. Justice Markell who took pains to send indigenous orchids of Australia and also to Mr. C. Jinnarajadasa for his continued contribution of valuable rare seeds. The number of plants, the varieties of seeds and the number of orchids received were respectively 51, 23 and 12.

7. Band performances this year were arranged from the reduced grant of Rs. 3,000 at the usual places. There were 7 band performances at the Victoria Gardens, 5 at the Esplanade Bandstand, 5 at the Chowpatty Bandstand, 4 at the Sir Phirozeshah Mehta Garden, 3 at King's Circle, 2 at the Dadar Parsi Colony, and 4 at the Joseph Baptista Gardens on Mazagon Hill Reservoir. Thus the total band performances were 30 being equal to those given in the previous year. In addition to these there were 4 concerts of Indian Music : 2 at the Victoria Gardens, 1 at the Chowpatty Bandstand and 1 at Sir Phirozeshah Mehta Garden which proved extremely popular.

8. The necessary major and minor repairs to the cages and buildings were carried out during the year. The most important works under special repairs were the renewal of the inner

portion of the Sambur enclosure and the Connaught Road angle-iron fencing in place of wooden fencing of the Victoria Gardens at a cost of Rs. 2,000. A grant of Rs. 1,500 was provided for coating the roads with bitumen.

9. The following animals and birds were received as presents to the gardens during the year under report :—

2 Thrushes by Mr. Terni ; 1 Rhesus monkey by Mr. R. D. Vakil ; 1 pair Four-horned antelope by Mr. Keshawrao Gajanan ; 1 Pea fowl common by Mr. Rajaram Rajanna ; 1 Turtle by Mr. S. R. Patankar ; 1 Palm Civet by Capt. V. C. Steer Webster ; 1 Leopard by the Lunavada State ; 1 Pea fowl common by Mr. M. C. Solomon ; 1 Pea fowl common by Mr. Sultan Hussain ; 1 Spotted deer, 1 Four horned antelope by Mrs. Dorris Gerrard ; 1 Turtle by Mr. J. A. Jacquius ; 1 Sloth bear by Mr. S. Rudaji ; 1 Siamese monkey by Mr. Jepson; 1 Muscovy duck by Mr. H. W. Woods Jennings ; 1 Jackal cub by Mr. R. Nagarkar ; 2 Parrots Alexandrine, 2 parrots common, by the Secretary, Bombay Pinjrapole ; 1 Goose common by Mr. Kaikashru ; 1 Nilgai calf by Mr. Mundegar Merwan ; 1 Jackal cub by Mr. K. M. Talyarkhan, Bar-at-Law ; 1 Persian cat by Mr. C. A. Irani ; 1 Goose common by Mr. Husang Cawashaw ; 1 Bear cub by Dr. Th. Boyce ; 1 Parrot common by Mrs. Shirinbai Dosabhai Olphadwalla ; 2 Jungle cats by Mrs. M. Cooke ; 1 Wild ass by H. H. the Maharajkumar Sahib Vijayrajji, Kutch, Mandvi ; 1 Buffalo calf by the Secretary, Bombay Pinjrapole ; 1 Monkey bonnet by Mr. Prasad Drui ; 1 Mongoose by Mrs. White ; 1 Lizard by Mr. K. M. Talyarkhan, Bar-at-Law ; 1 Bulbul black crested by Mr. N. T. Multani ; 1 Sarus crane by the Rector, St. Mary's High School ; 2 Turtles by Master Atwell Gibson ; 1 Leopard cub by the Darbar of Sangli State ; 1 Mongoose by Mr. D. Rodriques ; 1 Sea gull by Mrs. Henson ; 1 Sparrow (Java) by Mrs. Perin Captain ; 1 Turtle by Master Mahomed Ebrahim ; 2 Crocodile (babies) by Mr. J. Gonsalvis ; 2 Civet cats by Mr. J. L. H. Williams ; 1 Indian Lion by the Chief of Thanadevli ; 1 Rose crested cockatoo by Mrs. Laxmibai Karamsi Danji ; 1 Leopard cub by Mr. D. R. Vakil ; 1 Gour by H. H. the Maharaja of Mysore ; 1 Rib faced deer by Mr. Kashinath Manaji Nathoo ; 1 Lizard by Mr. Nilkant Dattatraya Joshi ; 1 Wild boar, 1 Horn bill by Mr. William M. Mann, Director, East Indian Expedition ; 1 Rhesus monkey by Mrs. Gibson ; 3 Parrots common by the Secretary, Bombay Pinjrapole ; 2 Hunting Leopards by Messrs. Cawasji Dinshaw Bros., Aden ; 2 Civet cats by Messrs. Murray Bros. ; 1 Monkey bonnet by Mr. K. M. Talyarkhan, Bar-at-Law ; 1 Rib faced deer by Mrs. E. R. Quinar ; 2 Finches, 1 pied crested Cuckoo by Mr. J. R. Screwwalla ; 1 Four horned antelope by Mr. E. W. Hallam ; 1 Monkey bonnet by Mrs. H. M. Noronha ; 1 Jackal cub by Mr. Khandu Savlaram ; 1 Parrot common by Mr. Shankar Rambhau ; 1 Crocodile by Mr. Mahadu Narayan ; 1 Chakoor by Mr. Shankar Hari ; 1 Wild boar by Mr. J. H. Selwyn ; 1 Jackal cub by Mr. D. S. Laud ; 1 Parrot common by Mr. Dinshaw S. Irani ; 1 Parrot common by Mr. Rajaram Gopal ; 6 White pigeons by Mr. Mahomed Ismail ; 15 Quail bush by Mr. Raichand Mokarji ; 1 Pea fowl common by Mr. Ganesh V. Vadhavkar ; 1 Spotted deer, 1 Pair monkey bonnet by Mrs. Surra ; 1 Sambur deer, 1 Rib-faced deer by Shri Bhairao Sing Ghorpade, Yuvaraj of Mudhol State ; 1 Goose common by Mrs. E. M. Bleach ; 2 Vultural fowls by Mrs. Silkirk ; 10 Rhesus monkeys by Prof. H. S. Rai ; 1 Spotted deer, 1 Nilgai by Khan Bahadur Ardeshar M. Irani ; 1 Monkey bonnet by the Superintendent of Police, " L " Division ; 1 Hedge hog by Mr. C. R. Muller ; 1 Indian Lion by Prof. Deval.

10. The following animals were born and birds hatched in the Gardens :—

5 Leopard cubs ; 18 Muscovy ducks ; 9 Jackals ; 2 Crab eating monkeys; 2 Hyaena (striped) ; 1 Indian antelope ; 4 Spotted deer ; 5 Lion cubs ; 1 Langoor monkey ; 2 Palm civet ; 1 Fallow deer ; 2 Persian Ibex.

11. The following animals and birds were purchased during the year :—

1 pair Gold pheasants ; 1 pair Silver pheasants ; 1 pair Amherst pheasants ; 1 pair white pheasants ; 1 Kalij pheasant ; 1 Brown bear ; 1 Queens Land Rosella ; 1 pair King-parrots and 2 pairs Gallas (Rose-Crested Cockatoo) ; and 1 Llama.

12. The following animals were sold during the year :—

1 Jackal to Mr. J. Shand for Rs. 5; 4 Jackals to Mr. I. N. Shand for Rs. 20; 1 pair Muscovy duck and 1 duck Brahmany to H. H. the Nawab of Cambay for Rs. 20 and Rs. 10 respectively ; 1 pair Spotted deer to H. H. the Nawab of Cambay for Rs. 80 ;

1 Monkey rhesus to Mr. Shankar Mahadeo for Rs. 5 ; 1 Leopard and 2 Leopard cubs to the Director, East Indian Expedition, for Rs. 100 and Rs. 150 respectively; 1 pair Leopards to Mr. M. M. Jamil for Rs. 200 ; 4 Lion cubs to Prof. Deval for Rs. 400 ; 3 Lion cubs to Mr. R. V. Mamoo for Rs. 300.

13. The following animals were received in exchange :—

1 Pair of Llama from Mr. Terni.

14. The following animals were given in exchange :—

2 Tiger male cubs to Mr. Terni.

15. The following animals and birds died during the year :—

3 Amherst pheasants ; 1 Silver pheasant ; 1 White pheasant ; 1 Cockatoo rose crested ; 1 Horn bill ; 1 Jungle red fowl ; 1 Vultural fowl ; 1 Pea fowl white ; 1 Black stork ; 3 Swans white ; 1 Black headed Ibis ; 1 Black necked swan ; 1 Dove bronze winged ; 3 Chakoors ; 1 Guinea fowl; 1 Spotted-bill duck; 1 Lorry five coloured; 1 Sarus crane ; 1 Canadian goose ; 1 Bronze winged monal ; 3 Pea fowls ; 1 Koklas pheasant ; 2 Leopards ; 1 Sloth bear ; 8 Monkeys bonnet ; 1 Sambur deer; 3 Jackals ; 1 Rib-faced deer ; 3 Civet cats ; 1 Persian Ibex ; 1 Lizard ; 19 Indian antelopes ; 1 Hyaena cub ; 2 Monkeys langoor ; 6 Four-horned antelopes ; 1 Appossom ; 8 Spotted deer ; 1 Mongoose ; 1 Monkey rhesus ; 1 Indian Gazella ; 1 Black leopard ; 1 Mona monkey ; 1 White nosed monkey ; 1 Persian gazella ; 1 Mouse deer ; 2 Hunting leopards ; 1 Fallow deer ; 2 Slender lorris ; 1 Monkey mona ; 1 Uryal ; 1 Bear Himalayan ; 1 Monkey crab eating ; 2 Leopard cubs ; 1 Wild ass ; 1 Malbrook monkey ; 1 Dog-faced baboon ; 1 Goat common ; 1 Llama ; 1 Sheep 6 legged ; 1 Cheer pheasant ; 6 Parrots common ; 1 Stork white-necked ; 1 Spur-winged goose ; 2 Cockatiels ; 1 Bulbul black crested ; 1 Baby crocodile ; 3 Geese common ; 1 Rose crested cockatoo.

16. The following animals were given as presents from the gardens during the year :—

1 Indian Lion, 2 African lions and 1 Tigress Bengal to Mrs. Gulcher D. Forbes ; 1 Crab eating monkey and 1 Rhesus monkey to the Proprietor, Deval's Circus.

17. Our thanks are due to the Dean and staff of the Gordhandas Sunderdas Medical College, the Principal, Veterinary College and the Professor of Pathology, King Edward Memorial Hospital, Parel, for performing post-mortem and Bacteriological examination of the animals we sent to them from time to time.

18. A number of specimens of animals and birds were sent for the study of comparative anatomy to the Museum section of the Gordhandas Sunderdas Medical College.

19. Our thanks are also due to Messrs. Mackinnon Mackenzie & Co., for giving us free transhipment for our plants and animals on the P. & O. and B. I. S. N. Co.'s vessels. It still remains a matter of regret that the same consideration is not shown by the railways.

20. Among the prominent visitors to the Gardens mention may be made of H. H. the Maharaja of Bikaner ; H. E. Lord Brabourne ; H. H. the Maharajkumar of Cutch ; Dr. W. M. Mann, Director of U. S. Zoo, Washington ; H. H. the Nawab of Cambay ; H. H. the Nawab of Palanpur ; H. H. the Maharani of Sailana ; H. H. the Maharaja of Kolhapur ; H. H. the Aka Saheb of Kolhapur ; H. H. the Maharaja of Pratapgadh and H. H. the Begum Saheb of Junagadh, who were all conducted round and shown both the botanical and zoological sections.

21. The following recreation grounds and open spaces were maintained during the year :—

(1) Babula Tank ; (2) Hamal Wadi ; (3) Cavel Street ; (4) Gowalia Tank Playground ; (5) Mustanshah Tank Playground ; (6) Gilder Tank Playground ; (7) Playground at 2nd Peerkhan Street ; (8) Nawab Tank ; (9) Nowroji Hill Estate ; (10) Tank Square ; (11) Willingdon Memorial Playground ; (12) Bombay Workmen's Institute, Parel ; (13) Nowroji Hill Estate Playground Opp. the Old Oomerkhadi Jail ; (14) 3 small gardens in Dadar Parsi Colony, and 4 at Matunga near King's Circle ; (15) the Recreation ground near the Goods Yard in the Dadar Hindu Colony ; (16) the Gokhale Park at Parel ; (17) Bhoiwada Playground ; (18) Lalbaug Recreation ground ; (19) Golpitha Recreation ground ; (20) Bhendi Bazar Recreation ground ; (21) the Recreation ground near the Old Office of the City Improvement Trust Engineer, Matunga ; (22) three small

gardens near the Dadar Parsi Colony Bandstand; (23) the hedges along Cruickshank Road footpath and (24) the Recreation gardens (five plots) in the vicinity of Lady Jehangir Road at Dadar Matunga which have now been laid out at a cost of Rs. 4,515.

22. The directed games at Mastanshah Tank, Gilder Tank and Willingdon Memorial Playgrounds under the supervision of the Bombay Young Men's Christian Association proved to be as popular as before. The success of these is largely due to the Supervisors of the playgrounds and to Mr. J. Callan, the Secretary of Y. M. C. A.

23. All the tournaments were carried through with great success. The Mastanshah Bagh have the distinction of winning 7 championships. They won the Gole Volley Ball Tournament, Azad Junior Basket Ball Tournament, Patel Intermediate Basket Ball Tournament, Dalal Senior Basket Ball Tournament, Hindu Gymkhana Volley Ball Cup, General Motors Volley Ball Tournament and the Clerk Volley Ball Tournament. The finals of the Gole Volley Ball Tournament were played between the Mastanshah Bagh and the Nagpada Neighbourhood House teams in which the former won for the second time in succession; when H. B. Clayton, Esq., presided on the occasion and Mrs. Clayton gave away the trophy. The Gilder Tank Playground team won the Weber Cup Inter-Playground Volley Ball Tournament and the Dalal Cup Basket Ball Tournament.

24. The Gilder Tank Playground team took part in the Bombay Provincial Olympic Championship in Volley Ball and lost in the final.

25. The cricket practice pitches at the Gowalia Tank Maidan continued to be very popular and the demand for them has now become so great that many applications have to be refused.

26. It is gratifying to note that the playground at 2nd Peerkhan Street at Nagpada is being well patronized since it was handed over to Dr. Manshardt, the Director of the Nagpada Neighbourhood House, in January 1935.

27. The Budget grants and the actual expenditure incurred by the Gardens Department were :—

| Names of Gardens. | Budget Grant. | Expenditure. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| (*a*) Victoria Gardens .. .. .. .. | 1,04,605 | 94,699 | Actually Spent. |
| | | 3,895 | Liabilities incurred. |
| | | 98,594 | |
| (*b*) Miscellaneous Gardens .. .. .. | 33,347 | 27,017 | Actually Spent. |
| | | 4,478 | Liabilities incurred. |
| | | 31,495 | |
| *B.*—New Gardens Recreation Grounds .. | 6,375 | 6,015 | Actually Spent. |
| | | *Nil.* | Liabilities incurred. |
| | | 6,015 | |
| New Works .. .. .. .. .. | 7,265 | 5,304 | Actually Spent. |
| | | 1,267 | Liabilities incurred. |
| | | 6,571 | |
| Total .. | 1,151,592 | 1,42,675 | |

28. I cannot conclude this report without expressing my thanks to all my assistants and staff for the co-operation and help they have given me.

I have the honour to be,
Sir,
Your most obedient servant,
D. I. AHMADI,
*Superintendent, Municipal Gardens.*

# VICTORIA AND ALBERT MUSEUM.

No. C.M./2261 of 1938-1939.

BOMBAY, *24th May* 1938.

FROM

THE CURATOR,
VICTORIA AND ALBERT MUSEUM,
BOMBAY.

TO

THE MUNICIPAL COMMISSIONER,
BOMBAY MUNICIPALITY,
BOMBAY.

SIR,

I have the honour to submit the following annual report of work done in the Victoria and Albert Museum during the year ending 31st March 1938.

The following is the comparative statement showing the number of visitors during the past two years :—

| Year. | No. of days the Museum was open. | Total number of visitors during the year. | Daily average. |
|---|---|---|---|
| 1936-1937 .. | 311 | 965,461 | 3,145 |
| 1937-1938 .. | 311 | 1,346,113 | 4,328 |

The increase in the total number of visitors by over three lacs and eighty thousand is a sure index of the rising popularity and importance of the Museum amongst the inhabitants of the City. Although the poorer and uneducated classes living in the City form by far the majority of visitors to the place because of the particular line of development adopted to make the Museum more popular amongst them, there is also much by which an educated man will profit by a visit to the place, as is observed of late by an increase in their number. No more convincing proof of this can be advanced than the opinion of a distinguished visitor to the place, who wrote last year, that he had no idea, that we had such a place in Bombay. One noticeable feature with regard to the number of visitors is that the daily number remains almost constant on all the days of the week except on Sundays and other holidays, when it runs up to over ten thousand per day. The highest figure recorded on one day last year, was 17,357 on the 3rd of November last.

The work of keeping the entire collection of specimens in a state of perfect order and cleanliness was carried out as usual. The collections of clay models in the Ethnological and Mythological sections were repainted. The artificial scenery work in most of the pictorially arranged cases was renewed. Copies of photographs for the Industrial section were re-taken from negatives in the possession of the Museum to replace the old ones. The usual precautions against attacks of destructive agencies were taken by provision of chemicals inside the cases and re-polishing them from outside.

The following specimens were purchased during the year :—

One coloured photograph in relief on metal of H. M. King Edward VIII.

Six specimens of mother-of-pearl and two specimens of Conchshell from Burma.

Thirteen specimens of copper-ware showing carving, embossing, and enamelling from Benares.

One litho-print of a Moghul miniature painting of the Emperor Jehangir receiving Sir T. Roe, Ambassador of King James I of England at Agra in 1616 A.D.

One litho-print of a Moghul miniature painting of Enthronement of Bhisma from Razmanamah, now in the possession of the Maharaja of Jaipur.

One litho-print of a Moghul miniature painting of Crishna and the Pandavas holding a feast at Hastinapura, from Razmanamah.

A portfolio of copies of ancient Buddhist paintings from the Caves of the Thousand Buddhas at Tun-Huang on the western frontier of China, discovered by Sir Auriel Stein in 1907. This is now very scarce.

As the three publications, namely, Catalogue of Prints of Old Bombay, Catalogue of the Industrial Section of the Museum, and the Monograph on the Religious Sects in India, failed to command good sale on a high price, their selling price was reduced as per Standing Committee Resolution No. 139 of the 5th of May 1937, with a view, that their purchase might be within the reach of persons of moderate means. The result is that there is now some demand for these books. The sales effected last year have realised about Rs. 436.

At the conference of Museum Curators held in Delhi in the month of December last at the instance of the Government of India, the Curator was present as a delegate on behalf of the Bombay Municipal Corporation as per Corporation Resolution No. 6891 of the 2nd of December 1937. The conference lasted for three days, when resolutions were adopted, which are now being considered by Government. The Curators after the conference was over, visited other museums in and round about Delhi. They inspected the Central Museum of Asian Antiquities located in Delhi, and the Delhi Archæological Museum in the Old Delhi Fort. They also visited the Archæological Museum at Sarnath, where remains of the old Buddhist buildings are exhibited. My visit to these places gave me an opportunity of seeing what these methods of arrangement are. On my return, I immediately took up the work of making improvements similar to what I saw, and so far have carried out the plan in re-arranging and labelling the collection of the copies of Fresco-Paintings in India, which were in possession of the Museum. The paintings thus dealt with are from Ajanta, Bugh, Sikri, and Bijapur. To these have been added, copies of ancient Buddhist paintings discovered at Tun-Huang, as these are very important and interesting showing the progress of Buddhism from Gandhara to China and Japan between the 8th and the 10th centuries of the Christian era. The collection of copies and hand-paintings of the Moghul and Rajputana Schools was also similarly dealt with.

I have the honour to be,

Sir,

Your most obedient servant,

D. A. PAI,

*Curator.*

# GENERAL STORES.

No. SR/5421 of 1938-1939.

Bombay, 7th June 1938.

From

The Chief Storekeeper,

Bombay Municipality.

To

The Municipal Commissioner

for the City of Bombay.

Sir,

I have the honour to submit the Annual Report on the working of the Stores Department during the year 1937-1938.

Tenders were invited during the course of the year for the purchase of stores in about 327 cases as against 388 in the preceding year.

The total purchases during the year, including articles received from various other departments on Return Stores mema, amounted to Rs. 15.40 lakhs as against Rs. 7.86 lakhs for the previous year. The increase in value is due to additional quantities of C. I. pipes, iron castings, Pig lead, Cement, S. W. and Hume pipes, etc., that had to be purchased for new loan and other works that were taken in hand during the year.

The balance of stock in hand stood at Rs. 5.60 lakhs at the close of the year, against Rs 4·29 lakhs at the commencement of the year. The value of Surplus and Obsolete Stores (General) stood at Rs. 42,797 at the commencement of the year, and stores of the value of Rs. 2,448 were issued to the different departments during the year leaving a balance of Rs. 40,349 at the close of the year.

During the year no stock was issued out of the Line Suspense Account, Surplus and Obsolete, with the result that there was no change in the closing balance which stood at Rs. 27,924. Articles booked under this head being serviceable, could not be sold as per Standing Committee Resolution No. 385 of 7th July 1937.

Unserviceable C. I. pipes, &c., and obsolete spare parts of motor vehicles valued at Rs. 13,047 were sold during the year. Articles not used for the past several years and found unserviceable will be disposed of as usual.

The cost of Indian and of foreign articles purchased during the year are respectively as under :—

| (A) *Indian-made articles.* | Rs. |
|---|---|
| Water Works Castings (Special) | 75,218 |
| Goa Brooms | 9,213 |
| Brushes | 1,724 |
| S. M. Sections, Corrugated and plain sheets | 49,811 |
| Coir and Rubber goods | 2,843 |
| Oil, castor, cocoanut, and sweet | 3,584 |
| Cement | 1,88,898 |
| C. I. pipes, tubes, Hydrants, Closable gratings and Manhole frames and covers | 4,96,496 |
| Hume pipes | 47,344 |
| S. W. pipes | 39,536 |
| Timber | 48,433 |
| Drainage castings (Misc.) | 44,847 |
| Disinfectants | 16,197 |
| Hospital clothing, Uniforms, and Monsoon requirements | 76,716 |
| Lead pig | 35,181 |
| Paint, varnish, &c. | 5,743 |
| Vent shafts and other galvd. tin articles, Dust bins | 6,718 |
| Baskets, Bamboo and Cane | 10,823 |
| Soap, Soda, &c. | 9,414 |
| Carried Forward .. Rs. | 11,68,739 |

(A) *Indian-made articles*—contd.

| | Rs. |
|---|---|
| Brought Forward .. | 11,68,739 |
| Canvas .. .. .. .. .. .. .. .. | 2,800 |
| Charcoal and firewood .. .. .. .. .. .. | 5,582 |
| Hardware and plumbers stores .. .. .. .. | 6,570 |
| Rain water and soil pipes .. .. .. .. .. | 7,413 |
| Miscellaneous .. .. .. .. .. .. .. | 65,146 |
| Total | Rs. 12,56,250 |

(B) *Foreign articles.*

| | Rs. |
|---|---|
| Galvd. pipes, fittings, & brass fittings .. .. .. .. | 57,135 |
| Meter parts .. .. .. .. .. .. .. | 40,517 |
| Bolts & Nuts .. .. .. .. .. .. .. | 6,700 |
| Belting, patent & hair .. .. .. .. .. .. | 2,434 |
| Cables & wires .. .. .. .. .. .. .. | 5,600 |
| Electric lamps & accessories .. .. .. .. .. | 20,800 |
| Road Fabrics .. .. .. .. .. .. .. | 6,542 |
| S. M. plate .. .. .. .. .. .. .. | 5,210 |
| Plywood sheets .. .. .. .. .. .. .. | 510 |
| Motor parts .. .. .. .. .. .. .. | 3,735 |
| Nails & Rivets .. .. .. .. .. .. .. | 8,427 |
| Oils, kerosene, lubricating, &c., Grease .. .. .. | 39,480 |
| Sluice valves .. .. .. .. .. .. .. | 12,114 |
| Hose, Canvas and Rubber .. .. .. .. .. | 27,954 |
| Spare parts of stone crushers .. .. .. .. .. | 16,136 |
| Steel cast .. .. .. .. .. .. .. | 2,410 |
| Tools, Augers & Spanners .. .. .. .. .. | 3,174 |
| Screws .. .. .. .. .. .. .. .. | 710 |
| Brushes, wire, &c. .. .. .. .. .. .. | 2,500 |
| Files .. .. .. .. .. .. .. .. | 620 |
| Motor accessories .. .. .. .. .. .. | 3,630 |
| Enamel-ware & Lamp-ware .. .. .. .. .. | 5,482 |
| Electric fans .. .. .. .. .. .. .. | 2,286 |
| Nails for bullock shoes .. .. .. .. .. .. | 2,000 |
| Miscellaneous .. .. .. .. .. .. .. | 4,384 |
| Total .. Rs. | 2,80,490 |

The following important contracts were entered into during the year :—

1. Hose, Canvas and Rubber; 2. Disinfectants; 3. C. I. Frames and Covers, Gratings, etc.; 4. C. I. Pipes and Fittings; 5. Hydrants and Sluice valves; 6. C. I. Boxes and Chambers; 7. Timber of sorts; 8. Hospital clothing; 9. Uniforms to staff; 10. Baskets, Bamboo and Cane; 11. Brooms, Goa and Date; 12. Brushes, sweeping; 13. S. W. Pipes and fittings; 14. Monsoon requirements; 15. Motor oils and Lubricants, and Oil Kerosene; 16. Galvanised pipes and fittings; 17. Brass fittings such as stop-cocks, ferrules, etc.; 18. Motor tyres and tubes; 19. Iron and steel mild sections, plates, etc.; 20. Soap, Soda washing, etc.; 21. Oil furnace; 22. Vegetable and mineral oils; 23. Canvas and Paulins; 24. Paints and Oils; 25. Electric Goods; 26. Motor accessories; 27. Lead wool; 28. Cement.

The number of annual contracts entered into during the year was 149, besides special contracts for the supply of the following articles :—

C. I. Pipes of various sizes, S. W. and Hume pipes and fittings of sizes, C. I. stand post hydrants and stand posts, C. I. bends, Tees, Branches, Sluice valves, &c., of various sizes, Patel pattern water entrances, special iron castings, teak-wood sleepers, Lead pig, etc.

Articles returned by departments on Return Stores memos were scrutinized, and those in constant use accepted at full value.

9,086 orders for the purchase of stores were placed with the contractors and other dealers, against 7,779 in the preceding year.

About 29,727 indents and sales memos for articles from various departments were handled during the year against 22,715 in the previous year. Dust bins were sold to house owners at Rs. 1-8-0 each, including 10 per cent. supervision charges, against Rs. 1-6-0 each in the previous year. The increase was due to the higher market rate for galvanized sheets during the year.

C. I. and other scrap metal received from different departments was sold from time to time by obtaining private offers from dealers in these materials. The lively tone of the scrap metal market continued till about December 1937, enabling us to secure favourable rates for this material. The maximum price obtained for C. I. pipe scrap earlier in the official year was Rs. 62-0-0 per ton, and the minimum rate was Rs. 46-0-0 per ton. The corresponding maximum and minimum prices of this scrap during the previous year were Rs. 51-0-0 per ton and Rs. 25-8-0 per ton, respectively.

The departmental verification of stores was conducted throughout the year, and no appreciable difference in stock was noted. The Stock verification by the Municipal Stock Verifier was in progress at the Central Stores at the time of the closing of the year.

The total turn-over of the Department during the year was Rs. 29.40 lakhs against Rs. 16.07 lakhs for 1936-37, the increase being due to the general expansion and development in the City.

I append hereto a statement of stores transactions during the year as required by Clause XXIX of the Stores Audit Manual (Appendix ' O '), as well as one showing the details of the stock in hand at the close of the year.

I have the honour to be,
Sir,
Your most obedient servant,
A. P. SALDANHA,
Chief Storekeeper.

## APPENDIX "O."

| Particulars. | General Stores. | General Surplus & Obsolete Stores. | Capital Stores. | Line Suspense Stores (General.) | Line Suspense, Surplus & Obsolete Stores. | Total. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Value of Stores on hand on 1st April 1937 .. .. .. .. .. | 1,60,415 9 3 | 42,797 10 1 | 1,12,047 13 3 | 85,858 0 5 | 27,923 14 4 | 4,29,042 15 4 |
| Value of Stores receipts including transfers during 1937-38 .. .. .. | 7,15,776 1 4 | Nil | 8,31,833 0 3 | Nil | Nil | 15,47,609 1 7 |
| Total .. | 8,76,191 10 7 | 42,797 10 1 | 9,43,880 13 6 | 85,858 0 5 | 27,923 14 4 | 19,76,652 0 11 |
| *Less—* | | | | | | |
| Value of stores issued, including transfers during 1937-38 .. .. .. | 6,56,759 9 10 | 2,448 4 8 | 7,54,646 9 3 | 215 0 0 | Nil | 14,14,069 7 9 |
| Balance on 1st April 1938 .. .. | 2,19,432 0 9 | 40,349 5 5 | 1,89,234 4 3 | 85,643 0 5 | 27,923 14 4 | 5,62,582 9 2 |

A. P. SALDANHA,
*Chief Storekeeper.*

*Statement showing the details of stock held on 31st March 1938.*

*Capital Account—*

| | Rs. | |
|---|---|---|
| C. I. Pipes, tubes, hydrants, manhole frames & covers .. | 1,49,112 | |
| Sluice valves & other W. W. castings .. .. .. | 33,871 | |
| S. W. Pipes & Fittings .. | 6,251 | |
| | | Total Rs. 1,89,234 |

*Line Suspense Account—*

| | | |
|---|---|---|
| Water works castings on the line .. .. .. .. | | „ „ 1,13,566 |

*General Account—*

| | Rs. | |
|---|---|---|
| Galvd. pipes, fittings & brass fittings .. .. .. | 30,974 | |
| Meter spares & Meters .. | 38,013 | |
| C. I. Specials .. .. .. | 65,774 | |
| Bolts & Nuts .. .. .. | 2,200 | |
| Goa Brooms .. .. .. | 686 | |
| Cables & wires .. .. .. | 2,500 | |
| Electric lamps & accessories .. | 3,641 | |
| Files & Rasps.. .. .. | 414 | |
| S. M. Sections, Corrugated & plain sheets, lead pipes & zinc sheets & S. M. plates .. | 6,487 | |
| Coir goods & tin articles .. | 148 | |
| Motor spares .. .. .. | 17,471 | |
| Nuts, Rivets, & Nails .. | 947 | |
| Oils, Castor, Cocoanut, & sweet | 474 | |
| Kerosene oil .. .. .. | 315 | |
| Lubricating oils, grease, &c. .. | 2,140 | |
| Timber .. .. .. | 1,954 | |
| Drainage castings .. .. | 9,513 | |
| Disinfectants .. . .. | 1,029 | |
| Clothing materials .. .. | 1,232 | |
| Hose, Canvas, & Rubber .. | 756 | |
| Spare parts of stone crushers | 10,728 | |
| Lead pig .. .. .. | 16,665 | |
| Misc. stores .. .. .. | 45,721 | „ „ 2,59,782 |
| | | Total Rs. 5,62,582 |

A. P. SALDANHA,
*Chief Storekeeper.*

# LICENCE DEPARTMENT.

No. L/2153/Sc. of 1938-39.

Bombay, 20*th June* 1938

From

The SUPERINTENDENT OF LICENCES.

To

The MUNICIPAL COMMISSIONER

for the City of Bombay.

Subject : *Annual Report for the year* 1937-38.

Sir,

I have the honour to submit the Annual Report on the working of the Licence Department for the year 1937-38.

2. Mr. G. T. Patankar was in charge of this Department from 1st April 1937 to 3rd May 1937, on which date, on account of his promotion as Assessor & Collector, I took the charge from him and continued to hold it till the end of the year.

3. *Licences under Sections* 394 *and* 412*A, and Permits under Sections* 390 *and* 393 :—

The total number of Licences and Permits issued under these Sections and the total amount of fees collected in respect thereof during the year of report, as compared with the preceding two years, are as under :—

| Particulars. | No. of Licences & Permits. | | | Amount of Fees Recovered. | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1935-36. | 1936-37. | 1937-38. | 1935-36. | | 1936-37. | | 1937-38. | |
| | | | | Rs. | a. p. | Rs. | a. p. | Rs. | a. p. |
| Commodities or trades (Sec. 394). | 17,943 | 18,560 | 19,325 | 1,69,840 | 0 0 | 1,75,376 | 0 0 | 1,76,692 | 0 0 |
| Steam whistle blowing of (Section 393). | 32 | 36 | 40 | 320 | 0 0 | 360 | 0 0 | 383 | 0 0 |
| Milk products Ghee & Butter (Sec. 412A). | 238 | 2,059 | 2,132 | 1,263 | 0 0 | 5,418 | 0 0 | 5,490 | 0 0 |
| Factories (Sec. 390) .. | 322 | 348 | 297 | 6,735 | 0 0 | 6,804 | 0 0 | 5,901 | 0 0 |
| Total | 18,535 | 21,003 | 21,794 | 1,78,158 | 0 0 | 1,87,958 | 0 0 | 1,88,466 | 0 0 |

During the year, the number of Permits issued under Section 390 fell by 51 and the receipts therefrom by Rs. 903-0-0. However, the number of Licences issued under Sections 393, 394 and 412A advanced by 842 and the fees therefrom by Rs. 1,411-0-0. These fees include Rs. 6,177 recovered as additional fee, vide Corporation Resolution No. 1917, dated the 24th May 1931, against Rs. 6,063-0-0 so recovered in 1936-37. The new Petroleum Act 1934 and the Rules framed thereunder, which came into force from the 30th March 1937, and the Government of India Notification No. 135/34 of 22nd June 1937, issued under Section 31 of that Act, restricted the operations of the Municipal Act, with regard to licensing of dangerous and non-dangerous Petroleum, with the result that there was a loss of revenue of about Rs. 5,000-0-0 per annum. Despite this loss, there was an increase in the aggregate of licence fees during the year as shown above.

4. The actual increase or decrease in the number of licences issued as compared with the position in the previous year is as under :—

| | | |
|---|---|---|
| Bidi leaves | + | 22 |
| Bidis (Indigenous cigarettes) Mfg. | + | 22 |
| Butter (Under Sec. 412A) | — | 18 |
| Carbide of Calcium | + | 15 |
| Charcoal | — | 40 |
| Chemicals | + | 12 |
| Coal and Coke | + | 32 |
| Dammar, Tar and Pitch | + | 11 |
| Eating houses | + | 120 |
| Fireworks (retail) | + | 108 |
| „ (wholesale) | + | 32 |
| Firewood ( „ ) | — | 31 |
| Farriers | + | 51 |
| Gas (manufacturing) | — | 13 |
| Ghee Keeping (under Sec. 412A) | + | 70 |
| Gunny bags | + | 11 |
| Hair-dressing saloons | + | 77 |
| Liquid fuel | — | 52 |
| Matches (retail) | + | 78 |
| „ (Bengal) keeping (retail) | + | 62 |
| Metal casting | + | 11 |
| Noisy Trades | + | 49 |
| Oils (keeping) | + | 90 |
| Oil seeds | — | 16 |
| Paints | + | 12 |
| Petroleum (Dangerous) | — | 113 |
| Oil-kerosine (retail) | + | 16 |
| Oil-kerosine (wholesale) | + | 25 |
| Sweetmeats (keeping and manufacturing) | + | 13 |
| Timber | + | 81 |
| Turpentine (retail) | + | 11 |

5. The licence fees outstanding on the 31st March 1938 amounted to Rs. 601-0-0 in respect of 128 licences, as against Rs. 1,305-0-0 in respect of 246 licences on the 31st March 1937. Miscellaneous receipts amounted to Rs. 206-0-0 against Rs. 200-0-0 in the preceding year. Licence fees amounting to Rs. 28-0-0 were refunded during the year. The loss of revenue incidental to the disuse or demolition of old licensed places or their diversion to uses not entailing a licence amounted during the year to Rs. 17,862-0-0 against Rs. 15,744-0-0 in the preceding year. Only 2 licences were revoked during the year.

6. During the year, 70 licences were issued for the trade of Farriers, against 19 in 1936-37. 34 farriers were prosecuted for carrying on the trade without a licence, of whom 6 were convicted and fined in the aggregate Rs. 48-0-0, 27 cases were withdrawn on payment of licence fees and one case is still pending.

7. *Permits under Sections* 328 *and* 328*A* :—The number of permits issued for exhibiting skysigns and advertisements during the year under report was 2,790 and the fees therefrom amounted to Rs. 75,765-0-0, against 2,659 permits and Rs. 71,938-0-0 fees, during the preceding year.

8. Out of Rs. 7,622-0-0 recovered as ground rent during the year in respect of advertisement boards and hoardings put up on Municipal properties, Rs. 3,698-0-0 were credited to the City Engineer's Department and Rs. 3,563-0-0 to the Market Department. As this involved duplicate work it has been arranged that the departments concerned should recover these ground rents directly instead of through this department in future. The balance of Rs. 361-0-0, forms the rent for cloth boards suspended across the streets. It was, therefore, credited to this Department.

9. The total number of permits for advertisements issued and the receipts therefrom during the year as compared with the preceding two years are as under :—

| Particulars. | No. of Permits Issued. | | | Amount of Fees Collected. | | |
|---|---|---|---|---|---|---|
| | 1935-36. | 1936-37. | 1937-38. | 1935-36. | 1936-37. | 1937-38. |
| | | | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Wall-posters, hoardings and boards .. | 1,194 | 1,005 | 915 | 19,443 0 0 | 22,232 0 0 | 26,949 0 0 |
| Movable boards on handcarts, &c. .. | 676 | 626 | 589 | 13,090 0 0 | 16,440 0 0 | 17,805 0 0 |
| Illuminated skysigns and advertisements. | 562 | 602 | 844 | 19,111 0 0 | 24,043 0 0 | 22,431 0 0 |
| Non-illuminated skysigns and advertisements. | 399 | 383 | 385 | 2,003 0 0 | 2,584 0 0 | 2,660 0 0 |
| Non-illuminated kiosks .. .. | 11 (1,999 kiosks) | 14 (3,144 kiosks) | 12 (3,104 kiosks) | 2,499 0 0 | 3,937 0 0 | 3,880 0 0 |
| Wall paintings .. .. .. | 79 | 27 | 42 | 1,050 0 0 | 528 0 0 | 395 0 0 |
| Auctioneers .. .. .. .. | 2 | 2 | 3 | 200 0 0 | 200 0 0 | 300 0 0 |
| Space Rent .. .. .. .. | .... | .... | .... | 2,876 0 0 | 1,323 0 0 | 361 0 0 |
| Composition for delayed payments .. | .... | .... | .... | 601 0 0 | 650 0 0 | 984 0 0 |
| Total ... | 2,923 | 2,659 | 2,790 | 61,873 0 0 | 71,937 0 0 | 75,765 0 0 |

The scale of fees for exhibiting illuminated skysigns and advertisements revised under Corporation Resolution No. 923 of 19-2-37, tentatively for a period of three years, was given effect to from 1-4-37. The reduction in fees by 50% had the anticipated results in that the number of permits increased from 602 to 844. It also enabled this department to bring into force the provisions of Section 328A (4) (b) regarding the illuminated display of goods in shop-windows during the year under report.

10. *Licences under Sections* 313 *and* 313*A* :—The total receipts from licences issued to itinerant hawkers and to squatters and handcart hawkers in reserved areas during the year amounted to Rs. 1,24,932-0-0 and the removal charges to Rs. 17,475-0-0. These figures compare with those for the preceding two years as follows :—

| Particulars. | No. of Licences Issued. | | | Amount of Fees Collected. | | |
|---|---|---|---|---|---|---|
| | 1935-36 | 1936-37 | 1937-38 | 1935-36 | 1936-37 | 1937-38 |
| | | | | Rs. | Rs. | Rs. |
| Squatters' fees collected in Reserved areas under Section 313 | 25,035 | 23,359 | 24,953 | 1,05,881 | 1,02,081 | 1,07,106 |
| Fees received from itinerant hawkers' licences under Section 313A .. .. .. | 5,146 | 5,233 | 5,735 | 17,976 | 16,451 | 17,826 |
| Total | 30,181 | 28,592 | 30,688 | 1,23,857 | 1,18,532 | 1,24,932 |
| Recovery of expenses under Section 490 for removal of encroachments under Section 314 | .. | .. | .. | 14,693 | 11,196 | 17,475 |
| Grand Total | 30,181 | 28,592 | 30,688 | 1,38,550 | 1,29,728 | 1,42,407 |

11. The number of prosecutions launched during the year under report and the result thereof as compared with those for the preceding two years are as under :—

| Year. | Offence against Section. | Total number of cases filed. | Number of cases withdrawn on compliance with law. | Number of cases which resulted in conviction. | Amount of fine inflicted. | Number of cases which resulted in acquittal. | Number of cases remaining undisposed on 31st March. 1938. |
|---|---|---|---|---|---|---|---|
| | | | | | Rs. a. p. | | |
| 1935-36 .. | 394 | 2,669 | 2,155 | 673 | 5,003 0 0 | 18 | 198 |
| 1936-37 .. | „ | 2,467 | 2,184 | 317 | 2,923 8 0 | 12 | 152 |
| 1937-38 .. | „ | 2,532 | *2,100 | 422 | 4,516 8 0 | 1 | 161 |
| 1935-36 .. | 328-328A | 359 | 245 | 24 | 208 0 0 | 1 | 139 |
| 1936-37 .. | „ | 1,455 | 1,164 | 126 | 589 0 0 | 44 | 300 |
| 1937-38 .. | „ | 827 | *648 | 13 | 284 0 0 | 1 | 465 |
| 1935-36 .. | 313-313A | 6 | 1 | 3 | 32 0 0 | 2 | .. |
| 1936-37 .. | „ | .. | .. | .. | .. | .. | .. |
| 1937-38 .. | „ | .. | .. | .. | .. | .. | .. |
| 1935-36 .. | 412A | 9 | 8 | 2 | 35 0 0 | .. | .. |
| 1936-37 .. | „ | 304 | 291 | 5 | 18 8 0 | .. | 8 |
| 1937-38 .. | „ | 223 | *230 | 10 | 120 0 0 | .. | 1 |
| 1935-36 .. | 392 | .. | .. | .. | .. | .. | .. |
| 1936-37 .. | „ | .. | .. | .. | .. | .. | .. |
| 1937-38 .. | „ | .. | .. | .. | .. | .. | .. |
| 1935-36 .. | 6 & 11 of Indian Petroleum Act. | .. | .. | .. | .. | .. | .. |
| 1936-37 .. | „ | .. | .. | .. | .. | .. | .. |
| 1937-38 .. | „ | .. | .. | .. | .. | .. | .. |

* Out of 2,978 cases withdrawn, 1,631 were in respect of non-payment of licence fees, on payment of which the cases were withdrawn.

12. *Criminal prosecutions* :—Six criminal prosecutions were launched for assault against members of the public. Out of these, four resulted in conviction, one in acquittal and one was expunged.

13. A statement showing (1) details of Fees derived from the issue of Permits under Sections 390 and 393 and of Licences under Sections 394 and 412A, and (2) a summary of the total revenue derived from all sources is appended hereto.

14. *General* :—During the year, Licence forms, Advertisement Permit forms and hawkers' licence forms were revised. The Schedule of Fees was also revised by Corporation Resolution No. 604 of 15th November 1937. The revised fees so far as advertisements and encroachments were concerned were given effect to from 1st January 1938 and 25th January 1938 respectively and so far as licences issued under Section 394 are concerned from 1st April 1938. The creation of a Cash Section in this department from 1st March 1937 has resulted in a great convenience to the public and is much appreciated. I cannot conclude this report without a word of appreciation for the staff who worked with unremitting zeal and loyal co-operation.

I have the honour to be,
Sir,
Your most obedient servant,

L. S. KAGAL,
*Superintendent of Licences.*

Statement showing the number of permits issued under Sections 390 and 393, the trades licensed under Sections 394 and 412A, and the amount of fees collected during the year 1937-38 :—

| Number of licences. | Nature of trade or commodity. | Licence fees. Rs. a. p. |
|---|---|---|
| 12 | Acetyline gas (keeping) .. .. .. .. .. | 127 0 0 |
| 33 | Aerated waters (manufacturing) .. .. .. .. | 1,190 0 0 |
| 2 | Ashes .. .. .. .. .. .. .. .. | 26 0 0 |
| 197 | Bakeries .. .. .. .. .. .. .. | 3,508 0 0 |
| 92 | Bidi leaves .. .. .. .. .. .. .. | 1,076 0 0 |
| 1,317 | Bidis (Indigenous cigarettes) manufacturing .. .. .. | 1,454 0 0 |
| 8 | Bitumen .. .. .. .. .. .. .. | 165 0 0 |
| 1 | Bricks and Tiles .. .. .. .. .. .. | 20 0 0 |
| 1 | Bones .. .. .. .. .. .. .. .. | 10 0 0 |
| 196 | Butter (under Section 412A) .. .. .. .. .. | 531 0 0 |
| 18 | Camphor .. .. .. .. .. .. .. | 217 0 0 |
| 5 | Candles (manufacturing) .. .. .. .. .. | 81 0 0 |
| 32 | Carbide of calcium (retail) .. .. .. .. .. | 104 0 0 |
| 8 | Do. (wholesale) .. .. .. .. | 190 0 0 |
| 2 | Catgut .. .. .. .. .. .. .. .. | 30 0 0 |
| 1,595 | Charcoal .. .. .. .. .. .. .. | 13,673 0 0 |
| 241 | Chemicals .. .. .. .. .. .. .. | 3,417 0 0 |
| 23 | Chlorate of potash .. .. .. .. .. .. | 315 0 0 |
| 100 | Cinematograph films .. .. .. .. .. .. | 3,068 0 0 |
| 155 | Cloth dyeing in indigo and in colours other than indigo by hand power .. .. .. .. .. .. .. | 1,115 0 0 |
| 16 | Do. by mechanical power .. .. .. | 480 0 0 |
| 249 | Coal and coke .. .. .. .. .. .. .. | 1,918 0 0 |
| 36 | Cocoanut fibre, flax, hemp and jute .. .. .. .. | 347 0 0 |
| 20 | Copra .. .. .. .. .. .. .. .. | 750 0 0 |
| 20 | Cotton (keeping) .. .. .. .. .. .. | 313 0 0 |
| 13 | Cotton (cleaning and pressing) .. .. .. .. | 318 0 0 |
| 42 | Cotton seeds .. .. .. .. .. .. .. | 553 0 0 |
| 66 | Cotton refuse or waste (keeping) .. .. .. .. | 1,398 0 0 |
| 21 | Do. (cleaning and pressing) .. .. .. .. | 955 0 0 |
| 1 | Cowdung cakes (manufacturing) .. .. .. .. | 19 0 0 |
| .... | Dammer and Tar (melting) .. .. .. .. .. | .... |
| 94 | Dammer, Tar and Pitch .. .. .. .. .. | 1,629 0 0 |
| 1 | Dynamite .. .. .. .. .. .. .. | 50 0 0 |
| 3,596 | Eating houses .. .. .. .. .. .. .. | 45,400 0 0 |
| 9 | Esas .. .. .. .. .. .. .. .. | 230 0 0 |
| 18 | Fat and Tallow (keeping) .. .. .. .. .. | 497 0 0 |
| 1 | Do. (cleaning and pressing) .. .. .. | 30 0 0 |
| 4 | Fins .. .. .. .. .. .. .. .. | 49 0 0 |
| 25 | Fish (dried) .. .. .. .. .. .. .. | 548 0 0 |
| 335 | Fireworks (retail) .. .. .. .. .. .. | 1,065 0 0 |
| 69 | Do. (wholesale) .. .. .. .. .. | 410 0 0 |
| 2 | Do. (manufacturing) .. .. .. .. .. | 100 0 0 |
| 20 | Firewood (retail) .. .. .. .. .. .. | 47 0 0 |
| 427 | Firewood (wholesale) .. .. .. .. .. .. | 4,890 0 0 |
| 70 | Farrier .. .. .. .. .. .. .. .. | 197 0 0 |
| 6 | Gas (manufacturing) .. .. .. .. .. .. | 290 0 0 |
| 1,886 | Ghee (keeping) (under Section 412A) .. .. .. .. | 4,899 0 0 |
| 15 | Ghee (manufacturing) .. .. .. .. .. .. | 130 0 0 |
| 207 | Grain parching .. .. .. .. .. .. .. | 243 0 0 |
| 174 | Gunny bags .. .. .. .. .. .. .. | 1,542 0 0 |
| 19 | Gun powder (retail) .. .. .. .. .. .. | 95 0 0 |
| 2 | Do. (wholesale) .. .. .. .. .. | 100 0 0 |
| .... | Do. (manufacturing) .. .. .. .. .. | .... |
| 11,502 | Carried forward .. | 99,809 0 0 |

| Number of licences. | Nature of trade or commodity. | Licence fees. | | |
|---|---|---|---|---|
| | | Rs. | a. | p. |
| 11,502 | Brought over .. .. | 99,809 | 0 | 0 |
| 963 | Hair-dressing saloon .. .. .. .. .. .. | 4,978 | 0 | 0 |
| 52 | Hay, straw and grass .. .. .. .. .. .. | 588 | 0 | 0 |
| 32 | Hessian cloth .. .. .. .. .. .. .. | 112 | 0 | 0 |
| 10 | Hides and skins (dried) .. .. .. .. .. | 157 | 0 | 0 |
| 13 | Do. (raw) keeping .. .. .. .. | 337 | 0 | 0 |
| 22 | Tanneries .. .. .. .. .. .. .. | 1,935 | 0 | 0 |
| .... | Horns and hoofs .. .. .. .. .. .. | .... | | |
| 3 | Hair .. .. .. .. .. .. .. .. | 45 | 0 | 0 |
| 10 | Ice (manufacturing) .. .. .. .. .. .. | 694 | 0 | 0 |
| 154 | Khoka boxes (manufacturing and storing) .. .. .. | 1,190 | 0 | 0 |
| 25 | Lime (manufacturing) .. .. .. .. .. .. | 1,288 | 0 | 0 |
| 2 | Liquid fuel .. .. .. .. .. .. .. | 20 | 0 | 0 |
| 7 | Leaves (dried) (patravali, etc.) .. .. .. .. | 67 | 0 | 0 |
| 1,914 | Matches (retail) .. .. .. .. .. .. | 2,862 | 0 | 0 |
| 29 | Do. (wholesale) .. .. .. .. .. .. | 1,040 | 0 | 0 |
| .... | Do. (manufacturing) .. .. .. .. .. | .... | | |
| 229 | Do. (Bengal)—keeping (retail) .. .. .. .. | 265 | 0 | 0 |
| 1 | Do. (Bengal)—keeping (wholesale) .. .. .. | 150 | 0 | 0 |
| 229 | Metal casting .. .. .. .. .. .. .. | 3,906 | 0 | 0 |
| 110 | Methylated spirit .. .. .. .. .. .. | 1,691 | 0 | 0 |
| 888 | Noisy trades .. .. .. .. .. .. .. | 3,960 | 0 | 0 |
| 1 | Non-dangerous petroleum (Form A) .. .. .. .. | 16 | 0 | 0 |
| 1 | Nitro-glycerine .. .. .. .. .. .. .. | 50 | 0 | 0 |
| 984 | Oils (keeping) .. .. .. .. .. .. .. | 9,740 | 0 | 0 |
| 85 | Oils (manufacturing) .. .. .. .. .. .. | 941 | 0 | 0 |
| 116 | Oil-seeds .. .. .. .. .. .. .. | 5,024 | 0 | 0 |
| 68 | Paints .. .. .. .. .. .. .. .. | 1,017 | 0 | 0 |
| 2 | Paper (manufacturing) .. .. .. .. .. | 30 | 0 | 0 |
| 47 | Paper waste .. .. .. .. .. .. .. | 823 | 0 | 0 |
| 3 | Phosphorus (retail) .. .. .. .. .. .. | 15 | 0 | 0 |
| 1 | Do. (wholesale) .. .. .. .. .. | 50 | 0 | 0 |
| 3 | Packing Stuff .. .. .. .. .. .. .. | 31 | 0 | 0 |
| 6 | Petroleum (dangerous) .. .. .. .. .. .. | 17 | 0 | 0 |
| 87 | Oil-kerosene (retail) .. .. .. .. .. .. | 650 | 0 | 0 |
| 150 | Do. (wholesale) .. .. .. .. .. | 1,109 | 0 | 0 |
| 9 | Pottery (manufacturing) .. .. .. .. .. | 30 | 0 | 0 |
| 11 | Rags .. .. .. .. .. .. .. .. | 161 | 0 | 0 |
| 20 | Rosin .. .. .. .. .. .. .. .. | 280 | 0 | 0 |
| 24 | Saltpetre .. .. .. .. .. .. .. | 205 | 0 | 0 |
| 43 | Sandalwood .. .. .. .. .. .. .. | 337 | 0 | 0 |
| 25 | Smeltries .. .. .. .. .. .. .. .. | 312 | 0 | 0 |
| 53 | Soap (manufacturing) .. .. .. .. .. .. | 1,436 | 0 | 0 |
| 5 | Sugar refineries .. .. .. .. .. .. .. | 231 | 0 | 0 |
| 25 | Sulphur .. .. .. .. .. .. .. .. | 305 | 0 | 0 |
| 20 | Stables for horses .. .. .. .. .. .. | 1,923 | 0 | 0 |
| 82 | Do. milch cattle .. .. .. .. .. | 9,109 | 0 | 0 |
| 36 | Do. bullocks .. .. .. .. .. | 679 | 0 | 0 |
| .... | Do. four-footed animals .. .. .. .. | .... | | |
| 456 | Sweetmeats (keeping and manufacturing) .. .. .. | 2,832 | 0 | 0 |
| 1,188 | Timber .. .. .. .. .. .. .. .. | 12,154 | 0 | 0 |
| 147 | Turpentine (retail) .. .. .. .. .. .. | 762 | 0 | 0 |
| 34 | Do (wholesale) .. .. .. .. .. .. | 936 | 0 | 0 |
| 40 | Whistle (steam) blowing of (under Section 393) .. .. | 382 | 0 | 0 |
| 19,967 | Carried forward .. .. | 1,76,681 | 0 | 0 |

| Number of licences. | Nature of trade or commodity. | Licence fees. |
|---|---|---|
| | | Rs. a. p. |
| 19,967 | Brought over .. .. .. | 1,76,681 0 0 |
| 98 | Varnish .. .. .. .. .. .. .. .. | 901 0 0 |
| 18 | Wool .. .. .. .. .. .. .. .. | 394 0 0 |
| .... | Special licences under Section 394 (1) (d) (ii) .. .. .. | .... |
| 3 | Wool (cleaning and pressing) .. .. .. .. .. | 119 0 0 |
| 2 | Tiles (manufacturing) .. .. .. .. .. .. | 40 0 0 |
| 227 | Factory Permits under Section 390 .. .. .. .. | 5,806 0 0 |
| 811 | Transfers of licences .. .. .. .. .. .. | 982 0 0 |
| 70 | Transfers of permits .. .. .. .. .. .. | 95 0 0 |
| 598 | Licence fees collected during the year 1937-38 for official years 1934-35, 1935-36, and 1936-37 .. .. .. | 3,448 0 0 |
| 21,794 | Total .. .. | 1,88,466 0 0 |

*Summary of total revenue collected during the official year* 1937-38 :—

| Number of licences and permits. | Nature of Revenue collected. | Amount. |
|---|---|---|
| | | Rs. a. p. |
| 21,794 | Licence fees collected under Sections 390, 394 and 412A .. | 1,88,466 0 0 |
| 2,790 | Advertisement fees collected under Sections 328 and 328A. | 75,765 0 0 |
| 24,953 | Fees collected from squatters under Section 313 .. .. | 1,07,106 0 0 |
| 5,735 | Fees collected from hawkers under Section 313A .. .. | 17,826 0 0 |
| .... | Encroachment removal fees under Sections 314 and 490 .. | 17,475 0 0 |
| .... | Miscellaneous fees .. .. .. .. .. .. | 206 0 0 |
| | Grand Total .. | 4,06,844 0 0 |

# MARKETS.

No. M/870 of 1938-1939.

BOMBAY, 13*th July* 1938.

FROM

THE SUPERINTENDENT OF MARKETS,
ARTHUR CRAWFORD MARKET, BOMBAY.

To

THE MUNICIPAL COMMISSIONER
FOR THE CITY OF BOMBAY.

Re :—*Administration Report for the year* 1937-1938.

SIR,

I have the honour to submit my annual report on the working of the Markets and Slaughter Houses Department for the year 1937-38.

2. The total receipts during the year under report amounted to Rs. 12,47,666-2-0 as against Rs. 11,97,744-1-1 in the previous year, showing an increase of Rs. 49,922-0-11. This improvement is accounted for by increases in the fees for stamping weights, measures, etc., slaughter fees, squatters' fees and stall rents.

3. There were 16 Municipal markets at the commencement of the year of which one, *viz.* Chandanwady Market, which was languishing for a long time for want of public patronage and was working at a loss, was closed from 1-10-37 (*vide* Corporation Resolution No. 256 of 8-7-37) and the building handed over to the Schools Committee to be converted into a school.

The following statement shows the total number of stalls and the average number that remained vacant per quarter in each market, the financial result of the working of each market and the increase or decrease in revenue as compared with the previous year.

## STATEMENT I.

| Names of Markets. | Total No. of Stalls. | | Average No. of Stalls Vacant per Quarter. | | Stall Rents 1937-38. | Squatters' Fees, License Fees, etc. 1937-38. | Total Gross Receipts 1937-38. | Total Expenditure 1937-38. | Net Receipts 1937-38. | Net Receipts 1936-37. | Increase or decrease during 1937-38. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1937-38. | 1936-37. | 1937-38. | 1936-37. | | | | | | | |
| | | | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Colaba .. .. .. .. | 81 | 81 | 53 | 51 | 2,228 6 4 | 4,130 0 0 | 6,358 6 4 | 1,813 6 0 | 4,545 0 4 | 4,418 2 1 | + 126 14 3 |
| Fort .. .. .. .. | 182 | 182 | 25 | 30 | 10,199 4 0 | 11,639 8 0 | 21,838 12 0 | 5,794 14 0 | 16,043 14 0 | 16,031 5 8 | + 12 8 4 |
| Arthur Crawford .. .. .. | 1,032 | 1,031 | 151 | 167 | 1,70,464 5 2 | 1,30,892 13 3 | 3,01,357 2 5 | 1,06,614 2 0 | 1,94,743 0 5 | 1,99,097 9 10 | — 4,354 9 5 |
| Erskine Road .. .. .. | 843 | 843 | 274 | 262 | 73,631 4 6 | 21,855 7 0 | 95,486 11 6 | 29,866 4 0 | 65,620 7 6 | 60,696 6 0 | + 4,924 1 6 |
| Bhuleshwar .. .. .. | 201 | 201 | 20 | 26 | 21,426 10 0 | 231 0 0 | 21,657 10 0 | 5,921 9 0 | 15,736 1 0 | 10,746 10 8 | + 4,989 6 4 |
| Peddar .. .. .. .. | 46 | 46 | 12 | 11 | 3,105 2 0 | 5,787 0 0 | 8,892 2 0 | 5,624 11 0 | 3,267 7 0 | 4,726 13 7 | — 1,459 6 7 |
| Pork .. .. .. .. | 3 | 3 | 2 | 2 | 3,285 10 0 | 3 0 0 | 3,288 10 0 | 875 4 0 | 2,413 6 0 | 1,991 1 6 | + 422 4 6 |
| DeLisle Road Sheep .. .. | 48 | 48 | 17 | 1 | 4,107 12 0 | 937 0 0 | 5,044 12 0 | 1,482 10 0 | 3,562 2 0 | 4,513 9 1 | — 951 7 1 |
| Fergusson Road .. .. .. | 34 | 34 | 10 | 11 | 2,532 11 9 | 13,627 0 0 | 16,159 11 9 | 4,572 12 0 | 11,586 15 9 | 15,267 1 0 | — 3,680 1 3 |
| Parbhadevi.. .. .. .. | 29 | 29 | 14 | 16 | 948 3 0 | 12,618 8 0 | 13,566 11 0 | 2,921 13 0 | 10,644 14 0 | 13,956 1 8 | — 3,311 3 8 |
| Elphinstone Road .. .. | 36 | 36 | 6 | 2 | 6,069 13 8 | 11,893 0 0 | 17,962 13 8 | 4,703 3 0 | 13,259 10 8 | 14,117 9 10 | — 857 15 2 |
| Kamathipura .. .. .. | 105 | 105 | 48 | 30 | 4,185 4 4 | 3,865 0 0 | 8,050 4 4 | 4,509 3 0 | 3,541 1 4 | 5,833 8 0 | — 2,292 6 8 |
| Musjid Bunder .. .. .. | 94 | 94 | 37 | 26 | 2,009 0 0 | 315 10 0 | 2,324 10 0 | 2,816 11 0 | — 492 1 0 | — 419 5 11 | — 72 11 1 |
| Chowpatty .. .. .. | 71 | 71 | 23 | 37 | 2,053 6 0 | 2,131 13 0 | 4,185 3 0 | 1,528 8 0 | 2,656 11 0 | 3,125 8 3 | — 468 13 3 |
| Dadar .. .. .. .. | 6 | 6 | .. | .. | 2,120 0 0 | 39,643 10 0 | 41,763 10 0 | 10,444 15 0 | 31,318 11 0 | 34,111 13 9 | — 2,793 2 9 |
| Chandanwady .. .. .. | .. | 84 | 30 | 45 | 367 13 0 | 42 0 0 | 409 13 0 | 224 15 0 | 184 14 0 | 54 13 3 | — 130 0 9 |
| Total .. | 2,811 | 2,894 | 722 | 717 | 3,08,734 9 9 | 2,59,612 5 3 | 5,68,346 15 0 | 1,89,714 12 0 | 3,78,632 3 0 | 3,88,268 12 3 | — 9,636 9 3 |

Owing to the closure of Chandanwady Market the number of stalls has been reduced by 84. During the year one space in Arthur Crawford Market below Harvey's Statue, was let for putting up a show case. Thus, the number of stalls and spaces in different markets at the close of the year stood at 2,811.

There was an increase of Rs. 10,605-3-8 in the receipts from some markets and a decrease of Rs. 20,241-12-11 in respect of others, so that the net financial position in respect of stall rents, etc., is that there has been a decrease of Rs. 9,636-9-3 as compared with the previous year.

4. In addition to the above revenue, Rs. 1,63,371-13-0 were realised from the contractors for the right of collecting squatters' fees from the different Municipal markets and the scale fees in Arthur Crawford Market, against Rs. 1,59,605-0-0 of the preceding year. The squatters' fees collected departmentally at Arthur Crawford and Erskine Road markets together with the encroachment fees from all markets amounted to Rs. 51,580-3-0 against Rs. 43,224-11-0 of the preceding year, giving a total income of Rs. 2,14,952-0-0 against Rs. 2,02,829-11-0 for the preceding year.

5. The number of private markets during the year rose to 23 owing to the opening of an open air private market at Thakurdwar and Milk market at Shaikh Memon Street and that of the private slaughter houses remained the same as in the previous year, *viz.* two—one at Colaba and the other at Arthur Road. The license fee in respect of Byculla Vegetable Market amounting to Rs. 15,439 has been kept under deposit, as the question of the transfer of the license is under consideration. The licence fees in respect of Parel Village Market, Guzri Bazar Market and Thakurdwar Open Air Private Market have been kept under deposit, as the question of fixing these fees is not yet decided. Licence fees in respect of Dadar Private Market and Milk Market at Shaikh Memon Street were not received during the year. The amount realised on account of license fees of the remaining 19 private markets and slaughter houses at Colaba and Arthur Road amounted to Rs. 26,093-10-0 as against Rs. 30,421-4-1 in the previous year. A sum of Rs. 950 was also recovered as licence fees from firms dealing in imported meat and foreign fish. Licence fees amounting to Rs. 450 were recovered from butchers having stalls in private markets. The number of outside meat shops was 163 against 160 of the previous year and the fees realised in respect of them were Rs. 7,983-14-0 as against Rs. 7,687-12-0 in the previous year.

During the year butchers at Bandra Slaughter Houses went on strike as a protest against the increase of licence fee from Rs. 10 to Rs. 25 per annum of butchers doing business in private markets (sanctioned under Corporation Resolution No. 162 of 22-6-36). As almost all of them had withheld their fees, prosecutions were instituted against them all, under Section 411 (*b*) of the Municipal Act in May 1937. On the decision of the first case that came up for hearing before the Chief Presidency Magistrate against the butcher concerned, others paid their licence fees at the enhanced rate which was kept under deposit, as the butchers appealed to the Municipal Commissioner, that they would end the strike immediately and that he should await the decision of the Corporation, as they were sending a memorial for reconsideration. The prosecutions were therefore withdrawn. There were 72 butchers holding 88 stalls for selling or mincing meat in private markets.

6. Strict supervision was exercised over all markets as regards their sanitary condition and the wholesomeness of the articles offered for sale. Unwholesome articles, *viz.* meat, fish, fruits, vegetables, etc., from the different markets and slaughter houses, including the contraband meat, weighing 4,09,764½ lbs. in the aggregate, were destroyed during the year. The total quantity of meat destroyed in markets alone was 5,462 lbs.

7. The quantity of contraband meat seized and destroyed was 7,936¾ lbs. against 4,148 lbs. in the previous year, showing an increase of 3,788¾ lbs. In all 208 seizures were effected and prosecutions instituted with the result that 194 persons were convicted and fined.

8. The table given below shows the number of animals brought on to the Fair Ground at the Bandra Slaughter Houses and those rejected as unfit on *ante-mortem* examination, as compared with the previous year.—

| Year. | Animals brought on the fair ground. | | | Animals rejected on *ante-mortem* examination. | | |
|---|---|---|---|---|---|---|
| | Buffaloes. | Cows and bullocks. | Sheep and goats. | Buffaloes. | Cows and bullocks. | Sheep and goats. |
| 1937–38 .. | 10,529 | 52,469 | 849,490 | 8 | 630 | 6,012 |
| 1936–37 .. | 9,229 | 50,057 | 890,724 | 7 | 710 | 5,65[illegible] |

The principal causes of *ante-mortem* rejection were advanced stage of pregnancy, emaciation, sheep-pox, foot and mouth diseases, foot-rot, traumatic pericarditis, pneumonia, fractures, abscesses, rinderpest, mange, sheep scabis, etc., or being otherwise unfit for human consumption. The principal causes of *post-mortem* condemnation were cysticercus bovis, sarcocysts, liver flukes, bruises, abscesses, hydatid-cyst, foot-rot and parasitic nodular infection of liver and lungs.

9. The slaughter and removal fees realised at Bandra Slaughter Houses together with the slaughter fees realised at DeLisle Road Sheep Market amounted to Rs. 3,84,261-3-0 as against Rs. 3,75,233-4-0 of the last year, showing an increase of Rs. 9,027-15-0. The fees received from the Kurla Municipality under agreement to import buffalo meat into Bombay amounted to Rs. 65,980 against Rs. 60,170 in the last year. A sum of Rs. 224-8-0 was also realised for permission granted for the slaughter of horned cattle and the sheep and goats in the City on occasions of festivals.

10. The approximate weight of dressed meat of buffaloes, cows and bullocks was 6,947·67 tons and that of the sheep and goats was 6,534·41 tons. The quantity condemned out of the former was 15·86 tons and of the latter 4·64 tons, *i.e.*, .23 and .07 per cent. respectively.

11. The number of pigs and piglings brought for slaughter at Arthur Road during the year were 3,503 and 239, respectively, out of which 3,486 pigs and 230 piglings were slaughtered and the fees received amounted to Rs. 3,543-8-0 or Rs. 138-12-0 more than last year.

Permits to import 55 slaughtered piglings were issued during the year and the fees recovered therefrom amounted to Rs. 41-4-0. A sum of Rs. 2,246-4-0 was recovered as import fee on 2,130 pigs and 155 piglings brought to Arthur Road Slaughter House, which fee has been levied for the first time, with effect from 1st September 1937.

12. Out of 124·46 tons of pork meat slaughtered, 5·143 tons were rejected and destroyed as unfit for human consumption on account of tuberculosis, cysticercus cellulosæ, hypertrophy of kidneys, abscesses, cysts, bruises and injury. The percentage to the total quantity comes to 4.1. The affections of tuberculosis were confined to pigs only.

The details of animals slaughtered, etc., and the fees realised are given in the Appendix A of this report.

13. The amount realised for the right of collecting fair fees at the Bandra Slaughter Houses was Rs. 1,40,000 as against Rs. 1,42,000 of the preceding year, showing a decrease of Rs. 2,000.

14. The other miscellaneous revenues were as follows :—

STATEMENT II.

| Particulars. | 1937-38. | 1936-37. |
|---|---|---|
| 1. Amount recovered from the contractor for the right of removing blood at Bandra Slaughter Houses.. | Rs. a. p.<br>5,551 0 0 | Rs. a. p.<br>2,251 0 0 |
| 2. License fees for stalls, shops in Municipal and private markets, outside shops, etc. .. .. .. | 46,476 14 0 | 48,364 5 1 |
| 3. Receipts on account of Administration of Weights and Measures Act .. .. .. .. .. | 20,543 5 0 | 8,239 14 6 |
| 4 Prices Current .. .. .. .. .. | 88 14 0 | 106 14 0 |
| 5. Minor receipts .. .. .. .. .. .. | 8,564 13 0 | 3,781 9 7 |
| 6. Ground rents .. .. .. .. .. .. | 19,946 6 0 | 19,553 14 8 |
| 7. Chawl rents .. .. .. .. .. .. | 4,646 11 0 | 4,812 3 0 |
| 8. Rents from Peddar Market chawls and others, recovered from peons, Halalkhores, etc. .. | 796 11 0 | 744 8 0 |
| 9. Cold Storage rents .. .. .. .. .. | 21,752 15 3 | 23,522 4 3 |
| 10. Fines from contractors .. .. .. .. | 267 0 0 | 42 0 0 |
| Total .. .. | 1,28,634 9 3 | 1,11,418 9 1 |

15. The fines inflicted by the Honorary Presidency Magistrates for infringement of the provisions of the Municipal Act and Bye-laws pertaining to the Market Department amounted to Rs. 1,172 as against Rs. 906-8-0 in the previous year.

16. Four offices of the Inspectors of Weights and Measures were maintained for administering the Bombay Weights and Measures Act in the City. The number of weights, measures, weighing and measuring instruments verified and stamped during the year was 34,417 and the fee derived therefrom was Rs. 20,543-5-0 as against Rs. 16,479-13-0 during the previous year.

As a result of the amendment of Section 27 (2) of the Bombay Weights and Measures Act, 1932, (*vide* Bombay Act V of 1937) the Municipality is now entitled to meet the entire expenditure, recurring and non-recurring, incurred under the Act from the fees levied thereunder and credit only the balance to Government. Twenty-one prosecutions were launched for infringements of the Act of which fifteen were decided during the year.

17. The refrigerator plant in the Arthur Crawford Market has become old and out of date and consequently it is decided to modernize the same, for which a grant of Rs. 80,000 has been provided for the same during the current year. In all the four rooms packages were stored on payment of daily fees which were recovered departmentally. With a view to facilitate identification of parcels deposited in the refrigerator a system of affixing labels to them was introduced and a staff was strengthened since the beginning of the official year (*vide* S. C. R. No. 1257 of 6-1-1937).

18. My staff worked very satisfactorily.

19. The following statement shows the financial position of the Municipal markets for the year 1937-38 :—

## STATEMENT III.

| Name of Market. | Total cost upto 31st March 1937. | Additions made during the year 1937-38. | Total cost upto 31st March 1938. | Gross receipts for 1937-38. | Expenditure. | Net receipts for 1937-38. | Percentage on cost. | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | |
| Colaba .. .. .. | 97,625 3 11 | .... | 97,625 3 11 | 6,358 6 4 | 1,813 6 0 | 4,545 0 4 | 4.7 | |
| Fort .. .. .. .. | 41,374 4 8 | .... | 41,374 4 8 | 21,838 12 0 | 5,794 14 0 | 16,043 14 0 | 38.8 | |
| Arthur Crawford .. .. | 17,50,940 14 1 | .... | 17,50,940 14 1 | 3,01,357 2 5 | 1,06,614 2 0 | 1,94,743 0 5 | 11.1 | |
| Erskine Road.. .. .. | 5,92,248 10 10 | .... | 5,92,248 10 10 | 95,486 11 6 | 29,866 4 0 | 65,620 7 6 | 11.1 | |
| Bhuleshwar .. .. .. | 2,94,217 0 11 | .... | 2,94,217 0 11 | 21,657 10 0 | 5,921 9 0 | 15,736 1 0 | 5.3 | |
| Peddar .. .. .. | 57,802 4 2 | .... | 57,802 4 2 | 8,892 2 0 | 5,624 11 0 | 3,267 7 0 | 5.7 | |
| Pork .. .. .. .. | 20,880 13 4 | .... | 20,880 13 4 | 3,288 10 0 | 875 4 0 | 2,413 6 0 | 11.6 | The percentage of net income on the total cost of all markets comes to 9.4. |
| DeLisle Road Sheep .. .. | 25,000 0 0 | .... | 25,000 0 0 | 5,044 12 0 | 1,482 10 0 | 3,562 2 0 | 14.2 | |
| Fergusson Road .. .. | 25,473 5 5 | .... | 25,473 5 5 | 16,159 11 9 | 4,572 12 0 | 11,586 15 9 | 45.5 | |
| Parbhadevi .. .. .. | 23,819 7 3 | .... | 23,819 7 3 | 13,566 11 0 | 2,921 13 0 | 10,644 14 0 | 44.7 | |
| Elphinstone Road .. .. | 31,843 2 0 | .... | 31,843 2 0 | 17,962 13 8 | 4,703 3 0 | 13,259 10 8 | 41.6 | |
| Kamathipura.. .. .. | 55,498 7 9 | .... | 55,498 7 9 | 8,050 4 4 | 4,509 3 0 | 3,541 1 4 | 6.4 | |
| Musjid Bunder .. .. | 17,346 3 5 | .... | 17,346 3 5 | 2,324 10 0 | 2,816 11 0 | 492 1 0 | 2.8 | |
| Chowpatty .. .. .. | 4,66,178 9 8 | .... | 4,66,178 9 8 | 4,185 3 0 | 1,528 8 0 | 2,656 11 0 | .6 | |
| Dadar .. .. .. .. | 1,37,765 11 9 | .... | 1,37,765 11 9 | 41,763 10 0 | 10,444 15 0 | 31,318 11 0 | 22.7 | |
| Chandanwady .. .. | 3,89,020 14 0 | .... | 3,89,020 14 0 | 409 13 0 | 224 15 0 | 184 14 0 | .05 | |
| Total .. | 40,27,035 1 2 | .... | 40,27,035 1 2 | 5,68,346 15 0 | 1,89,714 12 0 | 3,78,632 3 0 | | |

I have the honour to be,
Sir,
Your most obedient servant,
D. S. LAUD,
*Superintendent of Markets and Slaughter Houses, etc.*

## APPENDIX "A"

Statement showing the number of animals slaughtered or removed for private slaughter and the amount of slaughter fees, etc., levied thereon during 1937-38:—

| Description of animals. | April 1937. | May 1937. | June 1937. | July 1937. | August 1937. | September 1937. | October 1937. | November 1937. | December 1937. | January 1938. | February 1938. | March 1938. | Total No. of animals. | Total amount of slaughter fees. Rs. | as. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Buffaloes | 798 | 834 | 828 | 880 | 864 | 848 | 877 | 883 | 983 | 931 | 844 | 916 | 10,486 | 1,57,290 | 0 |
| Buffaloes for private Slaughter in Bombay | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 30 | 0 |
| Cows (Bombay) | 2,407 | 2,589 | 2,305 | 2,261 | 2,268 | 2,196 | 2,273 | 2,359 | 2,722 | 2,717 | 2,281 | 2,391 | 28,769 | 43,153 | 8 |
| Cows (Bandra) | 605 | 664 | 618 | 652 | 620 | 577 | 545 | 545 | 620 | 743 | 738 | 645 | 7,572 | 7,572 | 0 |
| Bullocks | 1,316 | 1,174 | 1,165 | 1,107 | 1,218 | 1,060 | 1,174 | 1,197 | 1,449 | 1,556 | 1,415 | 1,383 | 15,214 | 22,821 | 0 |
| Sheep and goats for Bombay | 65,424 | 48,592 | 65,110 | 65,944 | 59,563 | 60,767 | 59,476 | 54,707 | 57,144 | 54,530 | 51,020 | 57,826 | 7,00,103 | 1,31,269 | 5 |
| Sheep and goats for Bandra | 3,075 | 2,349 | 3,183 | 3,036 | 3,031 | 2,845 | 2,707 | 2,400 | 2,530 | 2,449 | 2,272 | 2,504 | 32,381 | 4,047 | 10 |
| *Import fee for pigs imported into Bombay | .. | .. | .. | .. | .. | 276 | 277 | 288 | 376 | 298 | 309 | 306 | 2,130 | 2,130 | 0 |
| *Import fee for piglings imported into Bombay | .. | .. | .. | .. | .. | 13 | 5 | 10 | 79 | 20 | 17 | 11 | 155 | 116 | 4 |
| Pigs slaughtered at Arthur Road Slaughter House | 282 | 277 | 249 | 260 | 277 | 281 | 290 | 276 | 373 | 304 | 316 | 301 | 3,486 | 3,486 | 0 |
| Piglings slaughtered at Arthur Road Slaughter House | 17 | 19 | 7 | 14 | 15 | 16 | 6 | 10 | 79 | 19 | 17 | 11 | 230 | 57 | 8 |
| Slaughtered piglings for private consumption in Bombay | 4 | 4 | .. | 1 | 4 | 11 | 5 | 2 | 16 | 7 | .. | 1 | 55 | 41 | 4 |
| Live horned cattle removed to Bombay | 17 | 7 | 27 | 22 | 28 | 31 | 23 | 23 | 11 | 6 | 8 | 13 | 216 | 1,080 | 0 |
| Live horned cattle removed for shipping | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 0 |
| Live horned cattle for private slaughter in Bombay | 2 | .. | .. | 3 | 1 | 6 | .. | .. | 8 | .. | 10 | 7 | 37 | 111 | 0 |
| Live sheep and goats removed to Bandra | 244 | 302 | 398 | 266 | 228 | 274 | 223 | 154 | 213 | 246 | 435 | 223 | 3,206 | 1,603 | 0 |
| Live sheep and goats removed to Bombay | 292 | 360 | 163 | 185 | 169 | 144 | 206 | 147 | 185 | 180 | 1,466 | 198 | 3,695 | 2,771 | 4 |
| Live sheep and goats removed for shipping | 125 | 157 | 136 | 108 | 99 | 192 | 139 | 131 | 333 | 351 | 91 | 155 | 2,017 | 504 | 4 |
| Live sheep and goats for private slaughter in Bombay | .. | 111 | .. | .. | 1 | 2 | 2 | .. | 2 | .. | .. | 1 | 119 | 83 | 8 |
| Live sheep and goats removed by DeLisle Road Sheep Market Fadkarees | 757 | 1,184 | 1,090 | 1,786 | 1,172 | 1,325 | 1,557 | 969 | 1,339 | 1,479 | 1,827 | 1,424 | 15,909 | 11,931 | 12 |
| Live sheep and goats slaughtered in the chambers of DeLisle Road Sheep Market | 51 | 61 | 65 | 202 | 198 | 128 | 167 | 154 | 226 | 176 | 103 | 193 | 1,724 | 215 | 8 |
| Total | 75,419 | 58,684 | 75,345 | 76,727 | 69,756 | 70,992 | 69,952 | 64,255 | 68,688 | 66,012 | 63,169 | 68,509 | 827,508 | 3,90,316 | 11 |

* Brought in to effect from 1st September 1937.

D. S. LAUD,

*Superintendent of Markets & Slaughter Houses, etc.*

No. B.M.P.P./409 of 1938-1939.

BOMBAY, 26*th August* 1938.

FROM

THE TEST AUDIT OFFICER,

BOMBAY MUNICIPALITY.

TO

THE MUNICIPAL COMMISSIONER,

FOR THE CITY OF BOMBAY.

Subject: *Administration Report for the year* 1937-38.

SIR,

I have the honour to submit my report on the working of the Municipal Printing Press for the year 1937-38.

2. A Linotype machine and Centurette Cylinder Printing machine were added during the year at a cost of Rs. 30,050.

3. During the year the printing of items under Divisions III, IV & VIII of the Printing Schedule *i. e.*, of forms and books of a size larger than the foolscap size was undertaken at the Press.

4. The work of Printing the Voters' Lists and the Municipal Electoral Roll comprising about 2,50,000 names of Voters was successfully carried out in the Municipal Press on four Lino machines taken on hire and on one Lino machine purchased (*vide* S.C.R. No. 156 of 5th May 1937). The total cost of the job was Rs. 17,957 as against Rs. 29,450 that would otherwise have been payable to the Printing Contractors.

5. From the subjoined comparative statement it will be seen that the total saving for the year amounted to Rs. 19,202, which compares very favourably with a saving of Rs. 9,356 in the year 1936-37.

| Division No. | Items put through the Municipal Printing Press. | Contract Rate less 12½% discount. | Actual cost at the Municipal Printing Press. | Savings. |
|---|---|---|---|---|
| | | Rs. | Rs. | Rs |
| I, II, VI & VII .. .. .. | 1,224 | 36,778 | 30,882 | 5,896 |
| III, IV and VIII .. .. | 295 | 13,856 | 12,043 | 1,813 |
| Voters' List and the Municipal Electoral Roll .. .. | 1 | 29,450 | 17,957 | 11,493 |
| | | | Total Rs. .. | 19,202 |

6. 434 Stationery items were issued to departments at a price of Rs. 2,560 which was at the lowest tender rate received from outside parties.

7. Printing of 33 items for the Schools Committee was carried out at the Press at a cost of Rs. 621, and in addition the printing of 454 non-scheduled item was executed at a cost of Rs. 7,399 ; there were certain incomplete items and stock of Paper and Metal of the value of Rs. 11,018-12-0 on hand at the end of the year.

8. An Income and Expenditure statement is attached hereto. It will be seen therefrom that the expenditure for the year was Rs. 76,743-7-0 and the amount due from the departments for work done was Rs. 79,343-7-0 resulting in a surplus of Rs. 2,600 which is equivalent to the amount of Rent payable for the portion of the Trust Building, occupied by the Municipal Press, after fully providing for various items such as depreciation, proportionate share of the Test Audit Officer's salary, etc.

9. The labour staff at the end of the year consisted of 10 Compositors, 1 Lino Operator 2 Proof Readers. 8 Pressmen, 3 Ballers, 3 Ruling men and 19 Binders making a total of 46 workers.

10. The Press has now grown out of its infancy and after starting as an experiment has developed into one of the recognised Pres es in Bombay. It is proposed to take over from 1st April 1938 the printing of the Agenda and Proceedings of the Corporation and the various Committees.

I have the honour to be,
Sir,
Your most obedient servant,

B. K. WAGLE,
*Test Audit Officer.*

## MUNICIPAL PRINTING PRESS.

### Income and Expenditure Statement for the year 1937-38.

| EXPENDITURE. | | | | Amount. | | | INCOME. | Amount. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| To Opening Balance. | Rs. | a. | p. | Rs. | a. | p. | | Rs. | a. | p. |
| Work in progress on 1st April 1937 .. | 4,755 | 14 | 0 | | | | | | | |
| Materials on hand on 1st April 1937 .. | 1,274 | 5 | 0 | 6,030 | 3 | 0 | Amount chargeable to Departments for work done .. | 78,902 | 14 | 0 |
| Labour .. .. .. .. .. .. .. | | | | 22,007 | 15 | 0 | Amount chargeable to private parties for work done .. | 440 | 9 | 0 |
| Materials .. .. .. .. .. .. .. | | | | 47,475 | 5 | 0 | | | | |
| Supervision and Office expenses .. .. .. .. | | | | 9,002 | 5 | 0 | | | | |
| Depreciation .. .. .. .. .. .. | | | | 1,253 | 0 | 0 | | | | |
| Proportionate share of T. A. O.'s salary.. .. .. | | | | 1,993 | 7 | 0 | | | | |
| | | | | 87,762 | 3 | 0 | | | | |
| *Less*—Closing Balance. | | | | | | | | | | |
| Work in progress on 31st March 1938 .. | 6,244 | 12 | 0 | | | | | | | |
| Materials on hand on 31st March 1938 .. | 4,346 | 15 | 0 | | | | | | | |
| Expenditure for 1938-39 booked in C. A.'s Office in March 1938 .. .. | 427 | 1 | 0 | 11,018 | 12 | 0 | | | | |
| | | | | 76,743 | 7 | 0 | | | | |
| Gross surplus (carried down) .. .. .. .. | | | | 2,600 | 0 | 0 | | | | |
| | | | | 79,343 | 7 | 0 | | 79,343 | 7 | 0 |
| Rent .. .. .. .. .. .. .. .. | | | | 2.600 | 0 | 0 | Gross surplus (brought down) .. .. .. .. | 2,600 | 0 | 0 |

B. K. WAGLE,
*Test Audit Officer.*

# K. E. M. HOSPITAL & G. S. M. COLLEGE.

No. EH/1391/SR of 1938-1939.

*Bombay, 7th September* 1938.

FROM

THE DEAN,

KING EDWARD MEMORIAL HOSPITAL AND SETH G. S. MEDICAL COLLEGE,

PAREL, BOMBAY 12.

To

THE MUNICIPAL COMMISSIONER,

FOR THE CITY OF BOMBAY.

BOMBAY.

Subject : *Administration Report for the year* 1937-38.

SIR,

I have the honour to forward the Administration Report of the King Edward VII Memorial Hospital and Seth Gordhandas Sunderdas Medical College for the year 1937-38.

*Advisory Medical Board.*

2. During the year the Advisory Medical Board held 8 meetings. There was one general meeting of the Honorary and Professorial staff.

3. The undersigned continued to hold the post of Dean during the period of report.

4. During the year under report, there were numerous changes in the staff on account of the retirement owing to superannuation of Dr. N. A. Purandare, M.D., F.C.P.S. (Bom.), Hon. Lecturer in Midwifery and Gynaecology as from 29th April 1937 and of Dewan Bahadur Dr. J. S. Nerurkar, L.M.& S. (Bom.), D.P.H., (Cantab.), Hon. Lecturer in Hygiene and Preventive Medicine, as from 27th September 1937, and on account of the resignation of Rai Bahadur Dr. J. P. Modi, L.R.C.P.S. (Glas.), L.R.C.P.S. (Edin.), owing to ill-health as from 1st June 1937. Dr. (Miss), P. C. Daroowalla, M.D. (Bom.), Hon. Asstt. Gynaecologist was appointed in the vacancy of Dr. N. A. Purandare, Dr. K. M. Masani, M.D. (Lond.), F.R.C.S. (Eng.), having been appointed as Hon. Asstt. Gynaecologist in her place. Dr. R. K. Mhatre, L.M. & S. (Bom.), D.P.H. (Lond.), D.T.M. & H. (Lond.), Executive Health Officer, has been appointed in the vacancy of Dr. J.S. Nerurkar and Dr. R. E. Dadachanji, M.B.B.S., Assistant Dean as Hon. Lecturer in Medical Jurisprudence and Toxicology in place of Dr. J. P. Modi.

5. I should like to place on record the very valuable services rendered to these institutions by Drs. Purandare and Nerurkar during the period of their appointment extending over 12 years and by Dr. Modi during the period of his appointment extending to 1½ years. Each of them have contributed in their way to the development of the departments placed in their charge. The popularity of the Gynaecological department of the K. E. M. Hospital is due in no small measure to the ability and skill of Dr. Purandare and to his genial temperament. The organisation of the Hygiene section of the College Museum, which is now taking shape is due to the advice and help rendered by Dr. J. S. Nerurkar ; while the Medical Jurisprudence section of the Museum was largely organised by Dr. J. P. Modi. All these three officers were well known for their teaching abilities and were very popular with the staff and students. I am grateful to all of them for all their assistance and particularly to Dr. Purandare who never spared himself in the interest of the College, Hospital and students. Though he was appointed as Honorary Consulting Gynaecologist to the King Edward Memorial Hospital as from 29th April 1937, on his retirement, he kindly agreed to carry on the duties of the posts he held before retirement for a period of six months, *i.e.*, till other arrangements could be made for putting the work of the department on a satisfactory basis and thus laid these institutions under a further obligation.

6. It was a matter of much gratification that one of the members of the Honorary Staff, Dr. M. D. D. Gilder, M.D. (Lond.), F.R.C.S. (Eng.), Hon. Lecturer in Medicine and Hon. Physician was appointed as Minister of Health and Excise in the Congress Ministry which accepted office in July 1937. He was an extremely able teacher and a very skilful Physician and though he is at present on a year's leave, it seems these institutions would be losing the services of a very able officer and organiser. During his absence on leave, Dr. N. D. Patel, M.D., M.R.C.P. (Lond.), Hon. Asstt. Physician, has been looking after his work while Dr. P. Raghavan, M.D. (Bom.), has been appointed as Hon. Asstt. Physician as from 1st October 1937 in place of Dr. N. D. Patel.

7. It may be added that Dr. (Miss) P. C. Daroowalla, M.D., has also been appointed as Hon. Obstetrician to the Nowrosji Wadia Maternity Hospital in place of Dr. Purandare.

## THE HOSPITAL.

8. The Hospital worked during the course of the year very much in excess of its full complement of 370 beds in spite of a constant check exercised on the admission of patients. The 370 beds are distributed as under:—

| Department. | Male. | Female. | Children. | Total. |
|---|---|---|---|---|
| Medical .. .. .. .. | 90 | 31 | 10 | 131 |
| Surgical .. .. .. .. | 84 | 29 | 14 | 127 |
| Gynæcological .. .. .. | .... | 35 | .... | 35 |
| Ophthalmic .. .. .. .. | 16 | 16 | .... | 32 |
| Aural .. .. .. .. .. | 6 | 2 | 2 | 10 |
| Skin and Venereal .. .. .. | 10 | 6 | .... | 16 |
| Casualty .. .. .. .. | 6 | 3 | .... | 9 |
| Isolation .. .. .. .. | 6 | 4 | .... | 10 |
| Total .. | 218 | 126 | 26 | 370 |

9. Year after year I have referred in my reports to the overcrowding in the wards and out-patient departments of the Hospital. The great popularity that the Hospital enjoys has added considerably to the difficulties of coping with the ever increasing number of patients who seek relief at its doors. The wards have been so congested that an ever increasing number of patients had to be always kept on the floor. During the emergency turn of a ward, the number of patients even exceeded the figure of 60 occasionally in place of the scheduled number of 31. Thus with an excess of anything from 50 to 100 per cent over the scheduled number of patients in a ward it became impossible to look after them efficiently and carefully for want of a corresponding increase in the strength of the nursing staff, sweepers and ward boys. Proposals were therefore put up for a substantial increase in the nursing staff and other staff, and though the proposed extra staff was not sanctioned to the full extent, some relief has been given by some increases.

10. The steadily increasing demand for medical relief at the King Edward Hospital since last two years may be attributed to the rapid development of the North of the Island. As there is no other large general Hospital in this area and as the financial condition of the general public continues to be poor, there seems to be little prospect of the number of out-patients and in-patients ever falling to its previous level.

### *Extension of the Hospital.*

11. It is a matter of great satisfaction that the Extension of the Hospital building, mention of which was made in our last year's report, has begun to proceed. With the gradual progress in the scheme of Extension, the building programme of which has been spread over a period of three years, it will be possible to give relief to a greater number of the suffering public. The whole scheme of Extension including the necessary equipment is expected to cost Rs. 15,60,000 half of which will however be met from the Governor's Hospital Fund, for which cordial thanks are due to the Executive Committee of that Fund.

*No. of patients treated during the year* 1937 *and total expenditure incurred during the year* 1937-38.

12. The statistical tables attached to this report record in detail the number, attendance, etc., in all the departments of the Hospital and the number and nature of operations performed during the period under report. From the following abridged summary, it would be seen how considerably the work carried out during the year 1937 has grown compared to that in the previous year. On an average 206 more outpatients attended the Hospital every day. So far as the in-patient work is concerned, very often there have been 40 to 80 extra patients in the Hospital, the maximum number of in-patients on a single day was 452, making their nursing and care very difficult.

| Particulars. | Figures for the year 1937. | Figures for the year 1936. |
|---|---|---|
| (*a*) In-patients— | | |
| 1. Scheduled strength of beds .. .. .. .. .. .. | 370 | 370 |
| 2. Daily average No. of in-patients .. .. .. .. .. | 410.49 | 397.6 |
| 3. Total No. of new in-patients treated .. .. .. .. .. | 12,425 | 12,127 |
| 4. Average No. of days each patient was resident .. .. .. | 12.05 | 11.6 |
| (*b*) Out-patients— | | |
| 1. Total No. of new out-patients .. .. .. .. .. | 1,01,389 | 85,557 |
| 2. Daily average No. of new out-patients .. .. .. .. | 319 | 269 |
| 3. Total No. of out-patient attendance .. .. .. .. .. | 3,31,933 | 2,65,910 |
| 4. Daily average No. of out-patient attendance .. .. .. | 1,062.15 | 857.8 |
| 5. No. of casualty patients included in No. 1 above .. .. | 17,712 | 14,416 |
| (*c*) Operations— | | |
| 1. Total No. of operations on in-patients .. .. .. | 4,200 | 4,020 |
| 2. Total No. of operations on out-patients .. .. .. .. | 8,637 | 7,047 |

13. Out of the total number of 12,725 patients (12,425 admitted during the year under report and 350 previous year's balance), 4,433 were cured, 4,688 were discharged as relieved 1,915 either left the Hospital against medical advice or were otherwise discharged, and 1,309 died, eaving a balance of 430 patients at the end of the year. Besides these, there were 2 still-born children. Out of 1,309 deaths, 354 died within the first 24 hours of admission, 274 after 24 hours and within 3 days of admission, and the remaining 681 after 3 days of their admission into the Hospital.

14. The total expenditure incurred on the maintenance of the Hospital during the year 1937-38, including the liabilities outstanding at the end of the year, approximately amounts to Rs. 5,41,347. This expenditure includes the cost of maintenance and treatment of in-patients, the cost of out-patient department, of the resident medical, nursing and menial staff as well as that of the administration, and of the maintenance and repairs of buildings.

15. The following table illustrates the relative cost of in-patients and out-patients, per patient, per day, during the years 1937-38 and 1936-37, respectively :—

| Particulars. | 1937-38. | 1936-37. |
|---|---|---|
| | Rs. a. p. | Rs. a. p. |
| (*a*) Average cost, per in-patient, per day .. .. .. | 2 12 8 | 2 13 7 |
| (*b*) Average cost of diet, per in-patient, per day .. .. | 0 6 4 | 0 6 2 |
| (*c*) Average cost, per in-patient, admission .. .. .. | 32 10 11 | 33 0 2 |
| (*d*) Average cost, per out-patient attendance .. .. .. | 0 5 8 | 0 6 8 |
| (*e*) Average cost, per out-patient admission .. .. .. | 1 2 5 | 1 5 0 |

16. The details of the cost, per in-patient, per day, for the years 1937-38 and 1936-37, respectively, will be seen from the following table :—

| Year. | Diets. | Drugs, dressings, etc. | Stores and Linen. | Heating and Lighting. | Miscellaneous. | Establishment. | Repairs to Buildings and Engineering. | Total. |
|---|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1937-38 .. .. | 0 5 11 | 0 5 3 | 0 2 8 | 0 2 11 | 0 1 7 | 1 7 11 | 0 2 5 | 2 12 8 |
| 1936-37 .. .. | 0 6 2 | 0 5 10 | 0 2 11 | 0 2 11 | 0 2 0 | 1 7 1 | 0 2 8 | 2 13 7 |

17. The following table gives the average cost of every new out-patient admission completely treated during the year under report, in comparison with that for the previous year :

| Year. | Drugs, dressings, etc. | Stores and Linen. | Heating and Lighting. | Miscellaneous. | Establishment. | Repairs to Buildings & Engineering. | Total. |
|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1937-38 .. | 0 7 4 | 0 0 10 | 0 0 6 | 0 0 4 | 0 9 0 | 0 0 5 | 1 2 5 |
| 1936-37 .. | 0 8 4 | 0 0 10 | 0 0 7 | 0 0 7 | 0 10 0 | 0 0 8 | 1 5 0 |

18. The usual arrangements with the Committee of the Helpless Beggars' Camp, of the contribution of Rs. 10,000 by the Municipal Corporation was continued on the same terms and conditions as of last year. It however gives me great pleasure to state that the Beggars' Camp is now moved from the Rowli Hill camp to the ' Lady Dhunbai Jehangir Home for Destitutes' at Haines Road, Mahaluxmi. This new place is now greatly modernised and presents a much better appearance than the old Home. To this Home is now going to be attached the King George V Infirmary for incurables, so that the incumbents are not only better housed but better looked after. The Infirmary will help this Hospital in sending those patients who need a hospital bed more than active treatment—the chronics—and thus release the beds which can be better utilised for acute and serious cases. Thus the Infirmary will, in time, it is hoped, fill in a gap and be a very important adjunct to Hospital accommodation in the City.

19. Arrangements made with the Maratha Hospital and the Turner Sanatorium for the transfer of patients suffering from Pulmonary Tuberculosis were continued during the period under report. 398 patients suffering from advanced phthisis were transferred to the Maratha Hospital and 3 cases of Tuberculosis spine, to the Turner Sanatorium. Facilities for the transfer of some cases of dysentery and diarrhoea and other intestinal infections and fevers of unknown origin to the Arthur Road Hospital are availed of whenever necessary.

20. It may be mentioned that the highest number of out-patient attendance on any particular day during the year 1937 was 1,712. The highest number of new admissions in the outdoor department on a single day being 456. Likewise the highest number in a single day of old cases treated was 1,237, of casualty cases was 88 and of in-patients admitted was 59.

*Motor accidents.*

21. Motor accident cases treated in the Hospital appear to be on the increase as compared with the previous two years' figures as shown below :—

| | 1937. | 1936. | 1935. |
|---|---|---|---|
| 1. Treated in the casualty department .. .. | 564 | 457 | 404 |
| 2. Treated as in-patients .. .. .. .. | 150 | 155 | 120 |

Motor accident cases according to ages :—

(*a*) *Treated in the casualty department.*

| | Upto 5 Years. | Between 5 and 10 years. | Between 10 and 20 years. | Between 20 and 30 years. | Between 30 and 40 years. | 40 and above. | Total. |
|---|---|---|---|---|---|---|---|
| Male .. .. | 22 | 34 | 79 | 167 | 100 | 58 | 460 |
| Female .. | 14 | 23 | 14 | 26 | 13 | 14 | 104 |
| Total .. | 36 | 57 | 93 | 193 | 113 | 72 | 564 |

(*b*) *Admitted as indoor patients on account of severity of injury :—*

| | Upto 5 Years. | Between 5 and 10 years. | Between 10 and 20 years. | Between 20 and 30 years. | Between 30 and 40 years. | 40 and above. | Total. |
|---|---|---|---|---|---|---|---|
| Male .. .. | 1 | 13 | 21 | 38 | 32 | 19 | 124 |
| Female .. | 2 | 9 | 3 | 5 | 3 | 4 | 26 |
| Total .. | 3 | 22 | 24 | 43 | 35 | 23 | 150 |

22. The following number of cases were treated for poisoning in the Hospital during the year under report :—

| | | | |
|---|---|---|---|
| 1. | Alcohol .. .. .. | 55 | |
| 2. | Opium .. .. .. | 28 | |
| 3. | Nux Vomica .. .. | 1 | |
| 4. | Belladonna .. .. | 1 | |
| 5. | Dhatura .. .. | 1 | |
| 6. | Ganja .. .. | 1 | |
| 7. | Cannabis Indica. .. | 1 | |
| 8. | Nicotine .. .. | 1 | |
| 9. | Ergot .. .. .. | 2 | |
| 10. | Jalap .. .. .. | 1 | |
| 11. | Eucalyptus .. .. | 2 | |
| 12. | Nitric Acid .. .. | 1 | |
| 13. | Naphthal .. .. | 1 | |
| 14. | Kerosine .. .. | 3 | |
| 15. | Petrol .. .. .. | 1 | |
| 16. | Arsenic .. .. .. | 2 | |
| 17. | Iodine .. .. .. | 3 | |
| 18. | Cinchona .. .. | 1 | |
| 19. | Food poisoning.. .. | 14 | |
| 20. | Poisons undiagnosed .. | 18 | |
| 21. | Bites .. .. .. | .. | |
| | Dog bites (Hydrophobia) .. .. .. .. | 6 | |
| | Snake bites .. .. .. .. .. .. | 25 | |
| | Scorpion & Insect bites .. .. .. .. | 7 | |
| | Human bite .. .. .. .. .. .. | 1 | |



*Nursing staff.*

23. The arrangement of sending three nurses from this Hospital to the Arthur Road Hospital for attendance on fever cases every two months was continued during the year under report.

24. The following are the results of the probationer nurses from this Hospital who appeared for the Nursing examinations, held by the Bombay Nurses, Midwives and Health Visitors' Council during the period under report :—

| Examination | September 1937. | | March 1938. | |
|---|---|---|---|---|
| | Appeared. | Passed | Appeared. | Passed |
| 1st Examination .. | 12 | 5 | 15 | 3 |
| Final Examination .. | 12 | 7 | 10 | 7 |

25. The cost of the nursing establishment works out at Rs. 80-12-4 per nurse, per month, against Rs. 79-4-4 in the previous year. It includes, not only the cost of salaries, uniform and dhobi allowances and the honoraria paid to the medical staff giving instruction in the nursing school, but also their mess charges, the cost of gas and electric energy consumed and repairs to their quarters, household linen and crockery, etc. The *pro rata* rent for quarters provided to the menial staff employed in the Nurses' Home and the Municipal Provident Fund contributions are not included in the above figures.

*Nurses' Welfare Fund.*

26. The Nurses' Welfare Fund inaugurated for the promotion of the welfare of the nursing staff of this Hospital was of material help to them. Under its auspices, 8 socials and 2 picnics were arranged during the year. Thanks are due to the ladies helping in this Fund for their keen interest in the welfare of the nursing staff during the year under report, and to all those firms and individuals who have contributed towards its funds, particularly Messrs. McKinnon McKenzie & Co. and Messrs. Killick Nixon & Co.

27. Thanks are due to the proprietors of the Nawa-kal, the Illustrated Weekly of India, the Jam-e-Jamshed, the Kaiser-i-Hind (Gujarati and English editions) and of the Kirloskar and Stree for the supply, free of charge, of one copy, each, of these journals for the use of the nursing staff during the year under report. Thanks are also due to the Bhagini Samaj for permitting the use of their Free Circulating Library (Gujarati books) to the nursing staff of this Hospital.

28. The total collections to the Fund by way of members' subscriptions, donations and interest amounted to Rs. 897-6-0. The expenditure amounted to Rs. 708-7-6.

*School Clinic.*

29. The treatment of school children attending Municipal Primary schools was continued during the year under report, and as shown in the following table 1,951 new children were treated in the different departments of the Hospital, in addition to a large number of children who began their treatment in the previous year. The total number of children treated in the year was 8,250 as against 6,951 treated in the previous year.

| Departments. | 1937-38. | | | 1936-37. | | |
|---|---|---|---|---|---|---|
| | New cases. | Old cases. | Total. | New cases. | Old cases. | Total. |
| Medical and surgical . | 646 | 2,874 | 3,520 | 520 | 1,562 | 2,082 |
| Aural .. .. .. | 451 | 690 | 1,141 | 338 | 257 | 595 |
| Ophthalmic .. .. | 255 | 1,161 | 1,416 | 322 | 1,287 | 1,609 |
| Dental .. .. | 267 | 435 | 702 | 244 | 350 | 594 |
| Skin .. .. .. | 332 | 1,139 | 1,471 | 323 | 908 | 1,231 |
| Total .. | 1,951 | 6,299 | 8,250 | 2,035 | 4,916 | 6,951 |

30. 137 children were operated upon in the Aural department and 16 in the Ophthalmic. 5 major operations were performed in the surgical outdoor department. 3 children were admitted in the wards and were treated for ankylosis of knee-joints, mumps, and multiple burns, respectively. 2 fractures were corrected and treated in the outdoor department, one of which was a case of green stick fracture of radius. Ultra-violet treatment was given to 14 children. Four X-Ray plates and one electro-cardiogram were taken. Laboratory investigations were done for 55 children. Three cases of dog bite and 2 cases of monkey bite were referred for treatment to the Haffkine Institute. One case of Pott's disease developing pulmonary Tuberculosis was sent to the Maratha Hospital where she died. Refraction was done in 205 children and glasses were prescribed to 127 children. 16 parents were interviewed either to know the details of the sickness in children or to give the necessary instruction for their future guidance. The total cost of the school clinics at the King Edward Memorial Hospital amounted to Rs. 8,601-3-0. A detailed report of the School Clinic has been submitted to the Schools Committee which publishes it annually.

*Poor Box Charity Fund.*

31. The Poor Box Charity Fund from which relief is rendered to poor patients providing them with spectacles, crutches, trusses, artificial limbs, travelling expenses, etc. has received steady support from the public as well as from the patients of the Hospital as will be seen from Appendix No. 15.

32. As mentioned in the previous year's report, the Indian Oxygen and Acetylene Co. Ltd., Calcutta, has continued to supply oxygen free of charge to the hospital. This generous help in the interest of the patients of this Hospital is greatly appreciated.

33. The following major donations were acknowledged with thanks during the period under report :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| 1. | The Secretary, Millowners' Association .. .. .. .. | 400 | 0 | 0 |
| 2. | Messrs. British India Steam Navigation Co. Ltd. .. .. | 300 | 0 | 0 |
| 3. | ,, General Motors (India) Ltd. .. .. .. .. | 300 | 0 | 0 |
| 4. | The Secretary, B. E. S. & T. Co. Ltd. .. .. .. .. | 300 | 0 | 0 |
| 5. | The Bombay Dyeing & Mfg. Co. Ltd. .. .. .. .. | 251 | 0 | 0 |
| 6. | The Secretary, Native Share & Stock Brokers' Association .. | 250 | 0 | 0 |
| 7. | Messrs. K. & J. Cooper, Educational Publishers .. .. | 100 | 0 | 0 |
| 8. | ,, Western India Steam & Navigation Co. Ltd. .. .. | 100 | 0 | 0 |
| 9. | ,, The Indian Mfg. Co. Ltd. .. .. .. .. | 100 | 0 | 0 |
| 10. | ,, Hindustan Spg. & Wvg. Mills Co. Ltd. .. .. | 100 | 0 | 0 |
| 11. | Mr. Dominico Nunes .. .. .. .. .. .. | 100 | 0 | 0 |
| 12. | The Manager, Comptoir National d'Escompte de Paris .. | 100 | 0 | 0 |
| 13. | Messrs. Burmah Shell Oil Storage & Distributing Co. of India Ltd. .. .. .. .. .. .. .. .. | 100 | 0 | 0 |
| 14. | The Secretary, Tata Sons Ltd., Bombay .. .. .. | 100 | 0 | 0 |
| 15. | The General Manager & Engineer, Bombay Gas Co. Ltd. .. | 100 | 0 | 0 |
| 16. | Messrs. Swadeshi Mills Co. Ltd. .. .. .. .. .. | 100 | 0 | 0 |
| 17. | ,, Finlay Mills Ltd. .. .. .. .. .. .. | 100 | 0 | 0 |
| 18. | ,, Kohinoor Mills Co. Ltd. .. .. .. .. .. | 100 | 0 | 0 |
| 19. | ,, Havero Trading Co. Ltd. .. .. .. .. | 75 | 0 | 0 |
| 20. | ,, Daulatram Dyeing & Bleaching Co. Mills Ltd. .. | 50 | 0 | 0 |
| 21. | Mrs. Pepibai Sagar .. .. .. .. .. .. .. | 50 | 0 | 0 |
| 22. | Seamen's charity .. .. .. .. .. .. .. | 50 | 0 | 0 |
| 23. | Messrs. Volkart Bros. .. .. .. .. .. .. | 50 | 0 | 0 |
| 24. | The Manager, Central Bank of India Ltd. .. .. .. | 50 | 0 | 0 |
| 25. | Mr. S. J. Kantak .. .. .. .. .. .. .. | 50 | 0 | 0 |

*Hospital Pharmacopoeia.*

34. As already mentioned in the previous year's report, the copies of the second edition of the Hospital Pharmacopoeia have early been exhausted and arrangements are being made to print the third edition of the same.

## THE COLLEGE.

35. During the year under report, 80 fresh admissions were made in June 1937.

36. An educational survey of the 80 students admitted to the first year class during 1937 revealed the following information. The average age of these students at the time of their admission was 20.5 and the average age when they Matriculated was 17.6. 65 of these students were single, 9 married and 6 betrothed.

37. The number of undergraduate students on the College roll at the close of the year was 432 (of whom 49 were lady students) and that of post-graduate and research students 67 as shown below :—

| | Male students. | Female students. |
|---|---|---|
| 1st M.B.B.S. 1st year .. .. .. | 69 | 11 |
| 1st M.B.B.S. 2nd year .. .. .. | 40 | 9 |
| 2nd M.B.B.S. 3rd year .. .. .. | 66 | 14 |
| 3rd M.B.B.S. 4th ,, .. .. .. | 65 | 8 |
| 3rd M.B.B.S. 5th ,, .. .. .. | 142 | 7 |
| B.Sc. students ,, .. .. .. | 1 | .. |
| Total number of students .. .. | 383 | 49 |
| Postgraduates including research students | 62 | 5 |
| Grand Total .. | 445 | 54 |

38. The facilities given to the students of this College for clinical instruction in the diseases of children at the Bai Jerbai Wadia Hospital mentioned in the last year's report have been continued, for which thanks are due to the authorities of that Hospital.

39. In accordance with the scheme of examining students medically, as inaugurated by the University of Bombay, out of 438 students so examined 251 students (57 per cent) were placed under 'A' class, 183 (42 per cent) in class 'B', and 4 (1 per cent) in class 'C'. Those whose cases required treatment were referred to the Honorary staff of the King Edward Memorial Hospital.

40. The following tabulated statement shows the results of the various examinations for which students were sent up by the College.

| Examinations. | | | Candidates sent up. | No. passing the whole examination. |
|---|---|---|---|---|
| 1st M.B.B.S. | April | 1937 | 46 | 24 |
| | Decr. | 1937 | 101 | 55 |
| 2nd M.B.B.S. | April | 1937 | 37 | 17 |
| | Decr. | 1937 | 65 | 42 |
| 3rd M.B.B.S. | April | 1937 | 85 | 33 |
| | Decr. | 1937 | 94 | 27 |
| M. D. (Medicine). | June | 1937 | 2 | 1 |
| M. D. (Pathology) | ,, | ,, | 2 | .... |
| M. D. (Midwifery) | ,, | ,, | 5 | 1 |
| M. S. | June | 1937 | 4 | .... |
| D. O. | ,, | ,, | 2 | 1 |
| B. Sc. | April | 1937 | 7 | 5 |

*Annual cost and revenue.*

41. The total expenditure of the College including that on the Hostel came to Rs. 2,56,370 during the year under report. The revenue of the College in the form of tuition fees, hostel rent and miscellaneous receipts amounts to Rs. 1,06,585. The corresponding figures of expenditure and income for the year 1936-37 were Rs. 2,56,362 and Rs. 1,07,384, respectively. The amount of fees received from the post-graduate students was Rs. 3,690.

*Library and Museum.*

42. During the year under report, 226 new books were added to the College Library as against 395 in the preceding year. Of these 20 new books, mostly on Ayurvedic literature, were presented to the Library by Messrs. Dongre Bros. of Dongre Balamrat Co., Bombay, and 7 were received as complimentary copies. 146 bound volumes of journals were also added to the Library. The number of books issued to the medical students was 9,800 as against 9,975 in the previous year. 2,227 books and journals were sent outside the Library to members of the teaching staff of the College and the Resident Medical Officers of the King Edward Memorial Hospital.

*Students' Hostel.*

43. The number of students resident in the Hostel during the year under report was 133. The total expenditure incurred in the Hostel was Rs. 8,305 while the income derived in the form of rent was Rs. 13,896.

*Lady Students' Hostel.*

44. As already explained in the last year's Annual Report, the construction of the Lady Students' Hostel has been taken up and the same will be ready for occupation in or about the month of September 1938.

*Gymkhana.*

45. The College Gymkhana took part as usual in the Inter-collegiate tournaments during the year under report. The Hockey Team did extremely well and won the coveted " Bhulabhai Desai Shield " after a lapse of three years. The Cricket Team also fared fairly well. In the Inter-collegiate Badminton Tournament the lady students reached the Ladies' Doubles Finals, but unluckily lost. So far as Football is concerned, we failed to reach the standard of the previous years.

46. The Gymkhana is indebted to Dr. T. O. Shah, F.R.C.S. (Eng.), Honorary Surgeon, King Edward Memorial Hospital and Honorary Lecturer in Surgery at the College for the gift of a ' Staff and students mixed doubles Tennis Championship Cup.'

47. A special feature of this year is the improvement done in the open air Akhada. It has now a wrestling pit and a well arranged gymnasium. Arrangements are being made to provide a shower bath for the students in close proximity to the Gymnasium.

48. As per University regulations compulsory Physical training has been introduced in the College for the first year students. To start with the students failed to take sufficient interest but in the latter part of the year much interest was evinced. Mr. K. G. Rao was appointed as Physical Instructor last August. Thanks to him and particularly to Prof. R. P. Koppikar, who has been most helpful in this connection, physical instruction has begun to be popular amongst the students.

*Research.*

49. The different departments of the College and the Hospital had, in addition to their normal teaching and other work, the following investigations in hand during the year under report :—

| Serial No. | Name of the enquiry. | Conducted by. | Name of the outside Institution under whose auspices the enquiry is undertaken. |
|---|---|---|---|
| 1 | Balanced Diets .. .. .. | Prof. S. P. Niyogi, M.Sc., M.B. (Cal.), Dr. V. N. Patwardhan, M.Sc., Ph.D. (Lond.) and Mr. R. G. Chitre, M.Sc. | Under the auspices of the Indian Research Fund Association and Sir Dorabji Tata Trust and in collaboration with the Baby and Health Week Association. |
| 2 | Basal Metabolism in children and adults in Bombay Presidency. | Prof. S. P. Niyogi, M.Sc., M.B. (Cal.), and Mr. J. Mordecai, M.B.,B.S. | Under the auspices of the Indian Research Fund Association. |
| 3 | Mycetoma or Fungus Foot Disease. | Prof. V. R. Khanolkar, B.Sc., M.D. (Lond.), and Dr. R. G. Modak, M.D. (Bom.). | Do. |
| 4 | Bacteriological investigations by blood culture in certain eye diseases. | Prof. V. R. Khanolkar, B.Sc., M.D. (Lond.), and Mr. C. B. Dhurandhar, M.B.,B.S., D.O. (Bom.). | Do. |
| 5 | Pharmacological investigation of Oroxylin. | Prof. A. S. Paranjpe, M.D. (Hield), D.T.M., Ch.B. and Mr. P. L. Powar, M.B.,B.S. | Do. |
| 6 | Thrombo-angeitis Obliterans .. | Dr. R. N. Cooper, M.S. (Lond.), F.R.C.S. (Eng.), Dr. K. G. Munsif, F.R.C.S. (Eng.), Dr. A. V. Baliga, F.R.C.S., Dr. A. E. DeSa, F.R.C.S. (Eng.), and Mr. U. G. Masurkar, M.B.,B.S. | Do. |
| 7 | The incidence of Pneumococcal type infection in Bombay. | Dr. R.G. Dhayagude, M.D.(Bom.). | Under the auspices of the Bombay University. |
| 8 | Virulence of Bacillus Tuberculosis. | Mr. C. B. Dhurandhar, M.B.,B.S., D.O. (Bom). | Do. |
| 9 | Studies in Mesentric revasculari-sation. | Dr. K. D. Manohar, M.D. (Bom.). | Do. |
| 10 | Developments of body parts of children between 6 and 11 years of age. | Dr. G. M. Kurulkar. .. | Do. |
| 11 | Excretion of urine in vitamin ' C '. | Dr. A. Fernandez .. .. .. | Do. |
| 12 | Diet survey in Bombay .. .. | Prof. S. P. Niyogi, M.Sc., M.B (Cal.), and Mr. D.R. Sukh-thankar, M.Sc. | G.S.M. College and K. E. M. Hospital Research Fund. |

50. Articles on medical subjects were published by the members of the Honorary, Professorial and other staff as mentioned below :—

| Serial No. | Name of the article. | Contributed by | Name of the journal publishing it. |
|---|---|---|---|
| 1 | Radiograms taken during labour from onset until head is born. | Dr. N. A. Purandare, M.D., F.C.O.G., F.C.P.S. | Journal of Obstetrics and Gynaecology of the British Empire, Vol. 44, No. 4, 1937. |
| 2 | Height of the anterior shoulder and its relation to the position of Fœtal Heart. | Do. | Do. Vol. 45, No. 2, 1938. |
| 3 | Statistical Report of cases of toxæmia in various hospitals in India prepared for the 2nd All-India Obstetrical and Gynœicological Conference held in Bombay in March 1939. | Do. | Read before the 2nd All-India Obstetrical and Gynæcological Conference, Bombay. |
| 4 | The Gall Bladder in surgical practice. | Dr. V. M. Kaikini, B.A., F.R.C.S. (Edin.). | Medical Bulletin, 1-2-1937. |
| 5 | Regional Ileitis .. .. .. | Do. | The Indian Medical Gazette, April 1938. |
| 6 | Experience with Lesions of the Appendix. | Do. | Medical Bulletin, 1-5-1937. |
| 7 | Cancer is curable .. .. .. | Do. | Medical Bulletin, 18-12-1937. |
| 8 | Tuberculosis of Kidney .. .. | Do. | Antiseptic, July 1938. |
| 9 | Typhoid Fever .. .. .. | Dr. S. G. Vengsarkar, M.D. (Bom.) | Medical Bulletin, October 1937. |
| 10 | Tuberculosis in school children .. | Dr. Abdul Hameed, M.D. (Bom.) | Medical Bulletin, 21-5-1937. |
| 11 | A study of the effect of Amidopyrine on the blood morphology and Leucocytogenesis in rats. | Prof. A. S. Paranjpe, M.D., Ch.B., D.T.M. & H. and Dr. S. V. Kanitkar, M.B., B.S. | Journal of the University of Bombay, March 1938. |
| 12 | Studies in Calcium and Phosphorous Metabolism, Part I. | Dr. V. N. Patwardhan, M.Sc., Ph.D. (Lond.) and Mr. R. G. Chitre, M.Sc. | Indian Journal of Medical Research, January 1938. |
| 13 | Mechanics of the Pleural Sac .. | Dr. K. D. Manohar, M.D. (Bom.). | Medical Bulletin, 3-4-37. |
| 14 | Some Aspects of the Surface Tension and Asmotic Pressure of Normal Urine. | Mr. S. N. Narayana Rao, M.Sc. | Journal of the Universiry of Bombay, March 1938. |
| 15 | Morphalogical study of Human Spermatozoa. | Dr. Job Mordecai, M.B.B.S. .. | Read before the 2nd All-India Population and 1st Family Hygiene Conference held in Bombay. |

*Social Welfare Centre for the Labour Staff.*

51. The Social Welfare centre conducted by the Bhagini Samaj for the welfare of the menial and labour staff of the Hospital and College carried on its activities, as stated in the last year's report, throughout the year, of which due advantage was taken by staff and their families. Besides the usual tuition classes, several other activities were also conducted by the Samaj for the welfare of the members of this centre, prominent among them being the following :—

1. Lectures were delivered by well-known social workers.
2. Social gatherings, debates and discussions were held by both the male and female members of the staff.
3. Films of educational value were shown to the members ; thanks to the management of the Plaza and the Hind Mata cinemas, who kindly allowed the members free admission.
4. Outings in the shape of visits to the David Sassoon Industrial School and Byramjee Jeejeebhoy Home, Matunga, were also arranged and also to the Vihar Lake.

5. So also a display of boxing by the boxers of the Tata Sociological college was arranged. Another item deserving special mention is the Divali function which was arranged during the year under report. There were sports for the children and sweets, toys and clothing were distributed among them. The function was held under the Presidency of Mr. Sultan Chinoy, the Chairman of the Standing Committee ; and the Mayor, Dr. E. Moses, M.D., presided over the annual meeting and the functions connected therewith.

52. The Co-operative Credit Societies organised for the benefit of the labour staff of the Hospital and College under the supervision of a Central Committee consisting of the representatives of the Hospital and College, the Bhagini Samaj and the Bombay Divisional Co-operative Institute have been progressing very well. The Bhagini Samaj have also helped the Societies by advancing deposits through its members. The capital of the three Societies, which was Rs. 2,126 at the end of June 1937, has increased to Rs. 12,930 out of which Rs. 4,180 has been collected as share capital from the members of the Societies and the remaining Rs. 8,750 as deposits mostly from the members of the Staff and of the Bhagini Samaj.

53. The sum of Rs. 18,420 has, so far, been advanced to members of the Societies as loans. Out of the total loans advanced to members, about 85 per cent have been given for liquidating their past debts, about 10 per cent for marriages of their dependents and about 5 per cent for repairs of their houses, etc.

54. The membership of the Societies which was 94 on 30th June 1937, has increased to 237 on 30th June 1938. This by itself shows how greatly the work of the Societies has been appreciated by the members of the labour staff of the Hospital and College. The Societies have been of great relief to the poor members who had formerly to borrow loans from Pathans and Marwadis at 75 to 300 per cent and become life-long debtors. This borrowing from outside sources has, it seems, practically stopped as the labour staff has now started realising the benefits conferred by the membership of Societies, which are now in a position to meet their demands for loans. Thanks are due to those friends who have made this work possible by agreeing to deposit various amounts and thus enable the co-operative credit societies to function.

55. In conclusion, I would like to express my thanks to the Honorary, Professorial and other staff of the Hospital and College for their valuable work and willing co-operation during the year under report.

I have the honour to be,
Sir
Your most obedient servant,

JIVRAJ N. MEHTA,
*Dean.*

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## APPENDIX No. 1.

## THE COLLEGE AND HOSPITAL SENIOR STAFF.

*Dean.*

JIVRAJ N. MEHTA, ESQR., M.D. (Lond.), M.R.C.P. (Lond.), F.C.P.S. (Bom.).

*Assistant Dean.*

R. E. DADACHANJI, ESQR., M.B.B.S. (Bom.).

*Assistant Medical Officer.*

V. V. JADHAV, ESQR., M.B.B.S. (Bom.).

*Professor of Anatomy.*

R. P. KOPPIKAR, ESQR., M.S. (Bom.), F.C.P.S. (Bom.).

*Assistant Professor of Anatomy.*

G. M. KURULKAR, ESQR., M.B.B.S. (Bom.).

*Professor of Physiology.*

S. P. NIYOGI, ESQR., M.Sc., M.B. (Cal.).

*Assistant Professor of Bio-chemistry.*

V. N. PATWARDHAN, ESQR., M.Sc. (Bom.), PH.D. (Lond.), A.I.I.Sc.

*Assistant Professor of Physiology.*

A. FERNANDEZ, ESQR., M.B.B.S. (Bom.).

*Professor of Pharmacology and Materia Medica.*

A. S. PARANJPE, ESQR., M.D. (Heidelberg), D.T.M. (Lond.), M.B. Ch.B. (Edin.)

*Professor of Pathology and Bacteriology.*

V. R. KHANOLKAR, ESQR., B.Sc. (Lond.), M.D. (Lond.).

*Assistant Professors of Pathology and Bacteriology.*

R. G. DHAYAGUDE, ESQR., M.D. (Bom.).

R. G. MODAK, ESQR., M.D. (Bom.).

*Assistant Clinical Pathologist.*

K. D. MANOHAR, ESQR., M.D. (Bom).

*Honorary Physicians and Lecturers in Medicine.*

M.D.D. GILDER, ESQR., B.A., M.D. (Lond.), F.R.C.S. (Eng.), F.C.P.S. (Bom.). (On leave.)

P. C. BHARUCHA, ESQR., M.D. (Lond.), B.S. (Lond.), F.C.P.S. (Bom.).

P.T. PATEL, ESQR., M.D. (Lond.), M.R.C.P. (Lond.), D.T.M. & H. (Cantab), F.C.P.S. (Bom.).

L. D. DHAWALE, ESQR., B.A. (Allahabad), M.D. (Bom.).

S. G. VENGSARKAR, ESQR., M.D. (Bom.).

*Honorary Assistant Physicians and Lecturers in Medicine.*

N. D. PATEL, ESQR., M.D. (Lond.), M.R.C.P. (Lond.).

A. HAMEED, ESQR., M.D. (Bom.).

M. J. SHAH, ESQR., M.B.B.S. (Bom.), M.R.C.P. (Lond.), D.T.M. & H. (Lond.).

P. RAGHAVAN, ESQR., M.D. (Bom.), Officiating.

*Honorary Surgeons and Lecturers in Surgery.*

R. N. COOPER, ESQR., M.S. (Lond.), F.R.C.S. (Eng.), F.C.P.S. (Bom.).

T. O. SHAH, ESQR., L.M. & S. (Bom.), F.R.C.S. (Eng.), F.C.P.S. (Bom.).

V. M. KAIKINI, ESQR., B.A., M.B.B.S. (Bom.), F.R.C.S. (Edin.), F.C.P.S. (Bom.).

*Honorary Assistant Surgeons.*

A. V. BALIGA, ESQR., F.R.C.S. (Eng.).

K. G. MUNSIF, ESQR., M.B.B.S. (Bom.), F.R.C.S. (Eng.).

G. M. PHADKE, ESQR., M.B.B.S. (Lond.), F.R.C.S. (Eng.).

M. M. PANDYA, ESQR., M.B.B.S. (Bom.), F.R.C.S. (Eng.).

A. E. DESA, ESQR., M.B.B.S. (Bom.), F.R.C.S. (Eng.).

*Honorary Surgeon & Lecturer in Ear, Nose and Throat.*

H. D. GANDHI, ESQR., M.B.B.S. (Bom.), F.R.C.S. (Edin.).

*Honorary Assistant & Lecturer in Ear, Nose and Throat.*

S. G. JOSHI, ESQR., M.S. (Bom.).

*Honorary Gynaecologists and Lecturers in Gynaecology and Obstetrics.*

H. D'SA, ESQR., M.D. (Bom.), F.C.P.S. (Bom.), F.C.O.G. (Lond.).

Miss P. C. DARUWALLA, M.D. (Bom.).

SIR MANGALDAS V. MEHTA, O.B.E., B.A., F.C.P.I., F.C.P.S., F.C.O.G. (Lond.), Ex-Officio *Hon. Lecturer in Obstetrics.*

*Honorary Assistant Gynaecologist.*

K. M. MASANI, ESQR., M.D. (Lond.), F.R.C.S. (Eng.).

*Honorary Ophthalmic Surgeons and Lecturers in Ophthalmology.*

R. P. RATNAKAR, ESQR., L.M. & S. (Bom.), D.CH. O. (L'pool), D.O. (Oxon.), D.O.M.S. (Eng.), F.C.P.S. (Bom.).

T. MODY, ESQR., D.O. (Oxon.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.B.B.S. (Bom.).

*Honorary Dental Surgeons and Lecturers in Dentistry.*

H. G. MOGHE, ESQR., L.M. & S. (Bom.), L.D.S., R.C.S. (Eng.).

D. M. DESAI, ESQR., L.D.S., R.C.S. (Eng.).

*Honorary Lecturer in Dermatology and Venereology and Honorary Dermatologist and Venereologist.*

A. C. REBELLO, ESQR., M.B.B.S. (Bom.), D.T.M. & H. (Lond.).

*Honorary Assistant Dermatologist and Venereologist.*

J. A. FERNANDEZ, ESQR., L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.R.C.P. (Edin.).

*Honorary Radiologist and Lecturer in Radiology and Electro-Therapy.*

J. L. DESAI, ESQR., M.B.B.S. (Bom.), D.M.R.E. (Cantab).

*Honorary Assistant Radiologist.*

Z. J. JOSEPH, ESQR., M.D. (Bom.), D.M.R.E. (Cantab).

*Honorary Anaesthetist and Lecturer in Anaesthetist.*

M. N. DESAI, ESQR., M.B.B.S. (Bom.), D.A. (Eng.).

*Honorary Lecturer in Medical Jurisprudence & Toxicology.*

R. E. DADACHANJI, ESQR., M.B.B.S. (Bom.).

*Honorary Lecturer in Hygiene and Preventive Medicine.*

R. K. MHATRE, ESQR., L.M. & S. (Bom.), D.P.H., D.T.M. & H. (Cantab.).

## APPENDIX No. 2.

*Summary of In-patients classified according to Departments*—1937.

| — | Adults. | | Children. | | Total. |
|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | |
| Medical .. .. .. .. | 3,647 | 1,107 | 192 | 130 | 5,076 |
| Surgical .. .. .. .. | 2,873 | 686 | 227 | 130 | 3,916 |
| Ophthalmic .. .. .. | 437 | 305 | 25 | 15 | 782 |
| Gynæcological .. .. .. | .. | 581 | .. | 3 | 584 |
| Dental .. .. .. .. | 2 | .. | .. | .. | 2 |
| Skin and Venereal .. .. | 281 | 36 | 13 | 7 | 337 |
| Aural .. .. .. .. | 764 | 388 | 319 | 257 | 1,728 |
| Total .. | 8,004 | 3,103 | 776 | 542 | 12,425 |

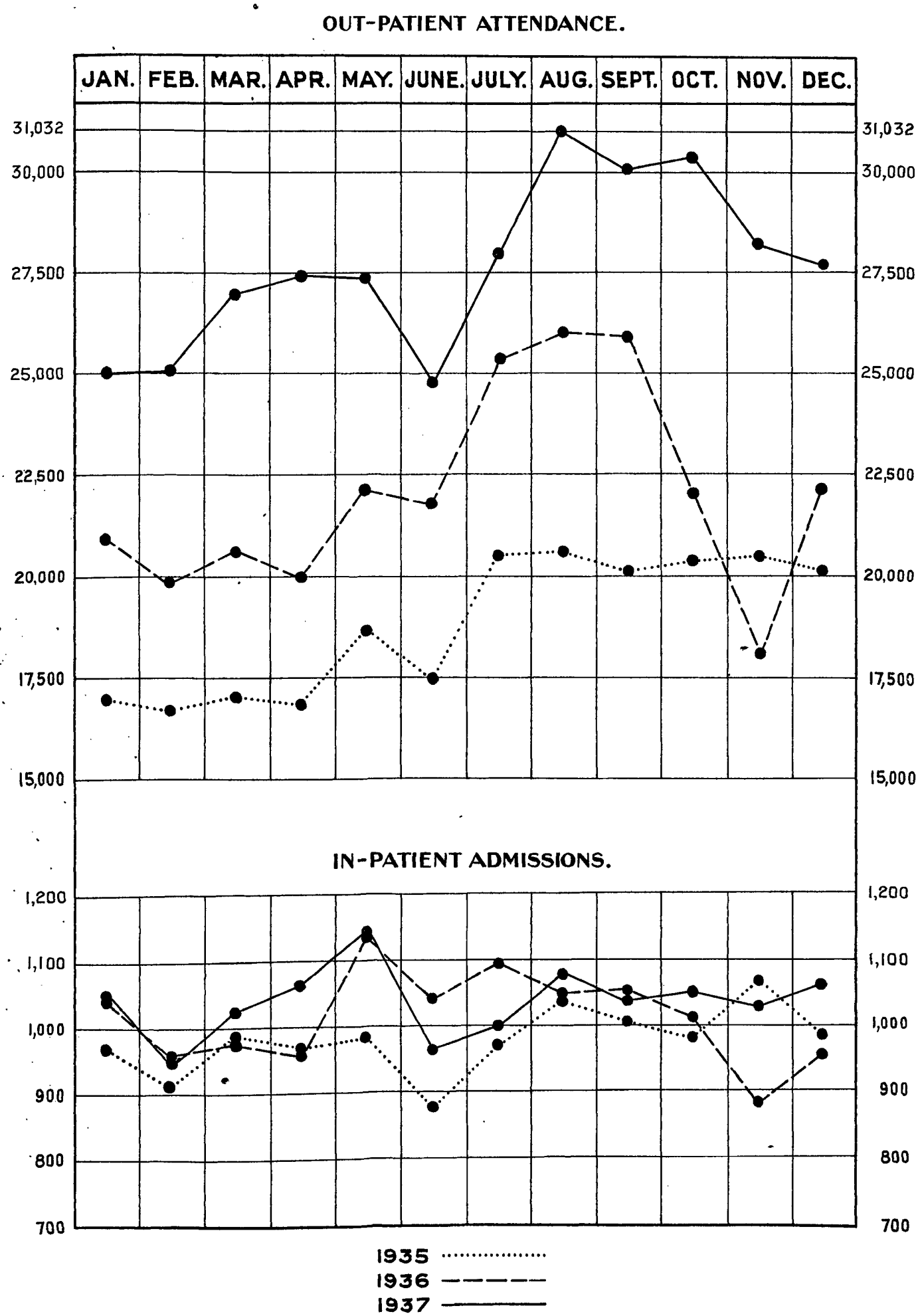
## APPENDIX No. 3.

*Summary of Out-patients and casualty patients classified according to Departments for the year* 1937.

| — | O. P. D. new cases. | Casualty cases. | Total new O. P. D. and casualty cases. | Old cases. | Grand total. |
|---|---|---|---|---|---|
| Medical .. .. .. | 33,549 | 4,023 | 37,572 | 63,661 | 1,01,233 |
| Surgical .. .. .. | 18,312 | 11,641 | 29,953 | 72,386 | 1,02,339 |
| Ophthalmic .. .. .. | 6,847 | 886 | 7,733 | 16,719 | 24,452 |
| Gynæcological .. .. | 2,440 | 128 | 2,568 | 10,793 | 13,361 |
| Dental .. .. .. | 5,375 | 81 | 5,456 | 3,649 | 9,105 |
| Skin and Venereal .. .. | 11,077 | 483 | 11,560 | 47,544 | 59,104 |
| Aural .. .. .. | 6,077 | 470 | 6,547 | 15,792 | 22,339 |
| Total .. | 83,677 | 17,712 | 1,01,389 | 2,30,544 | 3,31,933 |

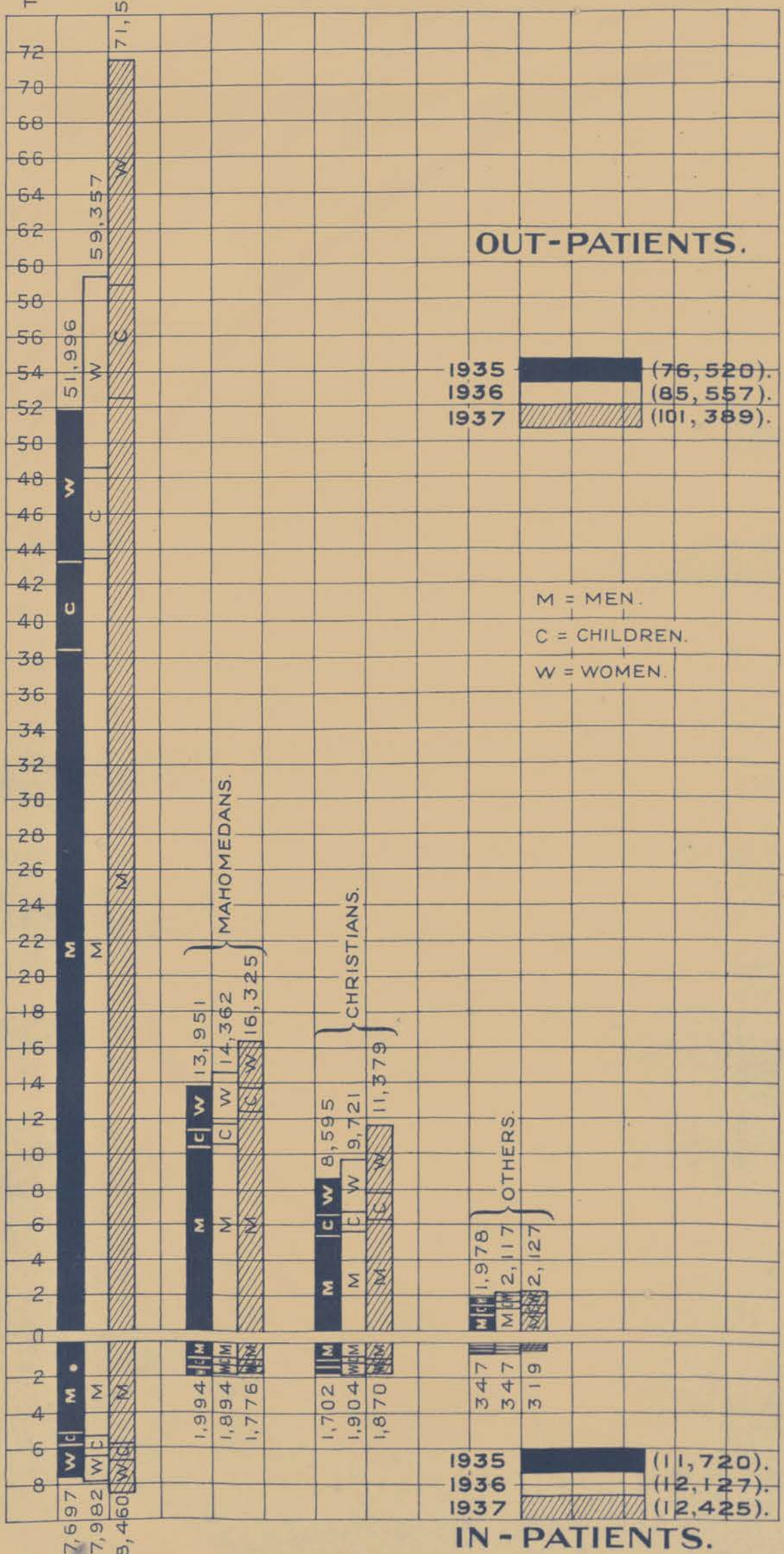
# APPENDIX 4.

## CHART ILLUSTRATING OUT-PATIENT ATTENDANCE AND IN-PATIENT ADMISSIONS BY MONTHS FOR THE YEARS 1935, 1936 & 1937.




THE TIMES OF INDIA PRESS, BOMBAY.

# SUPPLEMENT TO APPENDIX 5.




FIGURES IN BRACKETS REPRESENT TOTAL NUMBER OF PATIENTS TREATED IN THE YEARS 1935, 1936 & 1937 RESPECTIVELY.

THE TIMES OF INDIA PRESS, BOMBAY

## APPENDIX No. 5.

*Summary of patients treated at the King Edward VII Memorial Hospital according to Sex, Age and Caste, with results for the year* 1937.

| | | Hindus. | | | | Musalmans. | | | | Christians. | | | | Others. | | | | Total. | | | | Total of patients. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Men. | Women. | Children. | | Men. | Women. | Children. | | Men. | Women. | Children. | | Men. | Women. | Children. | | Men. | Women. | Children. | | |
| | | | | Male. | Female. | | | Male. | Female. | | | Male. | Female. | | | Male. | Female. | | | Male. | Female. | |
| Remained .. .. | In-patients. | 170 | 66 | 13 | 7 | 32 | 8 | 2 | — | 24 | 14 | 5 | — | 4 | 4 | 1 | — | 230 | 92 | 21 | 7 | 350 |
| Admitted .. .. | In-patients. | 5,729 | 1,928 | 478 | 325 | 1,286 | 329 | 103 | 58 | 829 | 743 | 157 | 141 | 160 | 103 | 38 | 18 | 8,004 | 3,103 | 776 | 542 | 12,425 |
| | Out-patients | 52,761 | 12,464 | 3,768 | 2,570 | 12,451 | 2,596 | 727 | 551 | 6,104 | 3,846 | 800 | 629 | 1,075 | 779 | 158 | 110 | 72,391 | 19,685 | 5,453 | 3,860 | 1,01,389 |
| Total treated | In-patients. | 5,899 | 1,994 | 491 | 332 | 1,318 | 337 | 105 | 58 | 853 | 757 | 162 | 141 | 164 | 107 | 39 | 18 | 8,234 | 3,195 | 797 | 549 | 12,775 |
| | Out-patients | 52,761 | 12,464 | 3,768 | 2,570 | 12,451 | 2,596 | 727 | 551 | 6,104 | 3,846 | 800 | 629 | 1,075 | 779 | 158 | 110 | 72,391 | 19,685 | 5,453 | 3,860 | 1.01,389 |
| Discharged cured .. | In-patients. | 1,898 | 702 | 192 | 118 | 398 | 97 | 29 | 20 | 325 | 340 | 100 | 89 | 50 | 42 | 23 | 10 | 2,671 | 1,181 | 344 | 237 | 4,433 |
| Relieved .. .. | In-patients. | 2,257 | 653 | 162 | 111 | 515 | 119 | 50 | 22 | 325 | 270 | 44 | 41 | 67 | 35 | 11 | 6 | 3,164 | 1,077 | 267 | 180 | 4,688 |
| Discharged otherwise or absconded .. | In-patients. | 875 | 321 | 70 | 49 | 220 | 68 | 17 | 4 | 116 | 98 | 10 | 7 | 33 | 23 | 5 | 1 | 1,244 | 508 | 102 | 61 | 1,915 |
| Died.. .. .. | In-patients. | 666 | 236 | 56 | 45 | 133 | 42 | 3 | 10 | 57 | 36 | 5 | 4 | 9 | 6 | — | 1 | 865 | 320 | 64 | 60 | 1,309 (Plus 2 Still-born). |
| Remaining .. .. | In-patients. | 203 | 82 | 11 | 9 | 52 | 11 | 6 | 2 | 30 | 15 | 3 | — | 5 | 1 | — | — | 290 | 109 | 20 | 11 | 430 |

# APPENDIX No. 6.

## K. E. M. HOSPITAL, PAREL, BOMBAY.

*Summary of patients treated according to nature of diseases for the year* 1937.

| Nature of Diseases. | In-patients. | | | | | | | | Out-patients admitted. |
|---|---|---|---|---|---|---|---|---|---|
| | Re-mained. | Admit-ted. | Total. | Discharged. | | | | Remain-ing. | |
| | | | | Cured. | Re-lieved. | Other-wise. | Died. | | |
| *Diseases caused by Infection.* | | | | | | | | | |
| Cholera, Asiatic .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Dysentery .. .. .. | 8 | 233 | 241 | 76 | 91 | 32 | 38 | 4 | 1,525 |
| Enteric Fever .. .. .. | 6 | 254 | 260 | 124 | 15 | 41 | 74 | 6 | 409 |
| Gonococcal Infection .. .. | 5 | 61 | 66 | 2 | 49 | 8 | .. | 7 | 1,587 |
| Syphilis (Primary and Secondary) .. .. .. .. | 7 | 121 | 128 | 4 | 80 | 28 | 7 | 9 | 2,567 |
| Kala Azar .. .. .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 2 |
| Leprosy .. .. .. .. | .. | 3 | 3 | .. | 1 | 2 | .. | .. | 259 |
| Malaria .. .. .. .. | 7 | 375 | 382 | 215 | 120 | 31 | 8 | 8 | 4,019 |
| Plague .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Influenza .. .. .. | 2 | 207 | 209 | 166 | 32 | 6 | 1 | 4 | 1,630 |
| Relapsing Fever .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pneumococcal Infection of the Lungs .. .. .. .. | 17 | 506 | 523 | 307 | 37 | 15 | 141 | 23 | 582 |
| Pyrexia of uncertain origin .. | .. | 88 | 88 | 39 | 28 | 15 | 2 | 4 | 582 |
| Rheumatic Fever .. .. | .. | 37 | 37 | 13 | 20 | 2 | 2 | .. | 380 |
| Small-pox .. .. .. | .. | 6 | 6 | .. | 1 | 4 | 1 | .. | 9 |
| Tuberculosis of the Lungs .. | 2 | 168 | 170 | 1 | 31 | 111 | 25 | 2 | 1,227 |
| Other tubercular Diseases .. | 8 | 354 | 362 | 41 | 160 | 119 | 30 | 12 | 958 |
| *Animal Parasites.* | | | | | | | | | |
| Ankylostoma .. .. .. | 2 | 53 | 55 | 16 | 32 | 7 | .. | .. | 20 |
| Round Worms .. .. .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 26 |
| Other Worms .. .. .. | 1 | 55 | 56 | 10 | 31 | 12 | .. | 3 | 4,196 |
| All other Infective Diseases .. | 8 | 248 | 256 | 73 | 41 | 36 | 93 | 13 | 556 |
| *Other General Diseases.* | | | | | | | | | |
| Anæmia .. .. .. | 20 | 392 | 412 | 27 | 209 | 73 | 82 | 21 | 2,728 |
| Diabetes .. .. .. | 2 | 48 | 50 | 4 | 22 | 21 | 2 | 1 | 67 |
| Scurvy .. .. .. .. | .. | 7 | 7 | .. | 3 | 2 | 2 | .. | 4 |
| Beri-Beri.. .. .. .. | 1 | 3 | 4 | .. | 2 | .. | 2 | .. | 1 |
| Rickets .. .. .. .. | 1 | 6 | 7 | 1 | 3 | 1 | 1 | 1 | 127 |
| Other diseases due to disorders of nutrition and metabolism. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diseases of the ductless or endocrine glands .. .. .. | .. | 12 | 12 | 3 | 3 | 4 | 1 | 1 | 38 |
| *New Growth.* | | | | | | | | | |
| Non-Malignant .. .. .. | 3 | 180 | 183 | 91 | 42 | 23 | 15 | 12 | 414 |
| Malignant .. .. .. | 16 | 232 | 248 | 38 | 64 | 87 | 53 | 6 | 315 |
| All other General Diseases .. | .. | 47 | 47 | 15 | 15 | 10 | 4 | 3 | 279 |

APPENDIX No. 6—*contd.*

*Summary of patients treated according to nature of diseases for the year* 1937. - contd.

| Nature of Diseases. | In-patients. | | | | | | | | Out-patients & casualty cases admitted. |
|---|---|---|---|---|---|---|---|---|---|
| | Re-mained. | Admit-ted. | Total. | Discharged. | | | | Remaining. | |
| | | | | Cured. | Re-lieved. | Other-wise. | Died. | | |
| SYSTEMATIC DISEASES. | | | | | | | | | |
| *Diseases of the Nervous System.* | | | | | | | | | |
| Diseases of the nerves, spinal cord, brain and meninges .. | 4 | 146 | 150 | 17 | 48 | 44 | 36 | 5 | 541 |
| Diseases of which the pathological basis is not accurately known .. .. .. | 8 | 210 | 218 | 19 | 98 | 55 | 34 | 12 | 1,25 0 |
| Mental Diseases .. .. | . | 10 | 10 | .. | 3 | 5 | 2 | .. | 36 |
| Diseases of the Eye .. .. | 19 | 738 | 757 | 435 | 238 | 62 | .. | 22 | 5,207 |
| Diseases of the Ear .. .. | 2 | 86 | 88 | 32 | 45 | 5 | 2 | 4 | 1,515 |
| Diseases of the Nose .. .. | .. | 404 | 404 | 208 | 132 | 56 | 4 | 4 | 1,139 |
| Diseases of the Circulatory System .. .. .. | 29 | 419 | 448 | 29 | 182 | 68 | 147 | 22 | 616 |
| All Diseases of the Respiratory System except Pneumonia and Tuberculosis of the Lungs | 10 | 501 | 511 | 134 | 187 | 68 | 103 | 19 | 4,225 |
| Diseases of the Stomach .. | 2 | 165 | 167 | 23 | 88 | 48 | 5 | 3 | 2,598 |
| Diseases of the Intestines .. | 33 | 824 | 857 | 361 | 276 | 123 | 75 | 22 | 3,655 |
| Abscess of the Liver .. .. | .. | 41 | 41 | 6 | 18 | 9 | 6 | 2 | 60 |
| All other Diseases of the Liver. | 4 | 150 | 154 | 31 | 63 | 23 | 30 | 7 | 278 |
| All other diseases of the Digestive System .. .. .. | 13 | 1,416 | 1,429 | 748 | 566 | 58 | 41 | 16 | 8,921 |
| Acute or suppurative inflammation of the Lymphatic Glands | 4 | 39 | 43 | 10 | 17 | 12 | 1 | 3 | 481 |
| Acute and Chronic Nephritis .. | 2 | 46 | 48 | 4 | 23 | 9 | 10 | 2 | 57 |
| All other diseases of the Urinary Organs .. .. .. | 8 | 313 | 321 | 76 | 151 | 72 | 15 | 7 | 601 |
| Other diseases of the Generative system.. .. .. .. | 29 | 672 | 701 | 377 | 201 | 77 | 13 | 33 | 3,935 |
| Diseases of the Organs of Locomotion .. .. .. | 13 | 266 | 279 | 64 | 135 | 62 | 7 | 11 | 2,252 |
| Diseases of the Arcolar tissue . | 3 | 312 | 315 | 132 | 133 | 15 | 27 | 8 | 1,738 |
| Inflammation, Ulcerative .. | .. | 15 | 15 | 5 | 3 | 7 | .. | .. | 111 |
| Other diseases of the Skin .. | 8 | 129 | 137 | 20 | 90 | 18 | 3 | 6 | 3,090 |
| All other Local diseases .. | .. | 219 | 219 | 29 | 61 | 97 | 15 | | 15,079 |
| *General and Local.* | | | | | | | | | |
| Injuries (General and Local) .. | 41 | 1,416 | 1,457 | 317 | 734 | 220 | 124 | 62 | 18,751 |
| *Poisoning.* | | | | | | | | | |
| By opium .. .. .. | .. | 28 | 28 | 17 | .. | .. | 11 | .. | 18 |
| By other means .. .. | 2 | 155 | 157 | 72 | 61 | 10 | 13 | 1 | 703 |
| *Labour.* | | | | | | | | | |
| Pregnancy .. .. .. | .. | 7 | 7 | 1 | 3 | 2 | 1 | .. | 218 |
| Total Number of In-patients .. | 350 | 12,425 | 12,775 | 4,433 | 4,688 | 1,915 | 1,309 plus 2 still-born. | 430 | 1,01,389 |

## APPENDIX No. 7.

*Classification of Operations performed in the Main Theatre, (Janmohamed Theatre and Minor Surgery department) during the year* 1937 :—

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last report. | Number of operations. | | | | Result. | | | | | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | Remained under treatment. | |
| Tumours (Neoplasms) Non-Malignant (Benign). | | | | | | | | | | | |
| Excision of— | | | | | | | | | | | |
| Lipoma | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | 14 |
| Fibro-lipoma | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Fibroma | .. | 5 | 1 | 6 | 5 | 3 | 2 | .. | .. | .. | 15 |
| Myxe-Fibroma | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Chondroma | .. | 1 | 1 | 2 | 1 | .. | 1 | .. | .. | .. | 3 |
| Osteo-Chondroma | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Neuro-Fibroma | .. | 3 | .. | 3 | 3 | 1 | 1 | .. | 1 | .. | 6 |
| Angioma (Haemangioma Capillary) | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 |
| Angioma Caverneuos (Venous) | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Lymphangioma | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Papilloma | .. | 3 | .. | 3 | 3 | 1 | 2 | .. | .. | .. | 9 |
| Adeno-Fibroma | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 2 |
| Myeloma | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 5 |
| Malignant— | | | | | | | | | | | |
| Mixed Parotid-Tumour | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | .. |
| Sarcoma Round celled | .. | 1 | .. | 1 | 1 | 1 | 1 | .. | .. | .. | .. |
| „ Mixed „ | .. | 4 | .. | 4 | 4 | 4 | .. | .. | .. | .. | .. |
| Carcinoma (Cancer) | .. | 3 | 1 | 4 | 3 | 1 | .. | 1 | 1 | .. | .. |
| Epithelioma | .. | 1 | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. |
| Mixed Tumours— | | | | | | | | | | | |
| Epulis | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 |
| Granulation Tissue Tumours— | | | | | | | | | | | |
| Granuloma | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Polypus | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Soar Tissue Growths— | | | | | | | | | | | |
| Keloid | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 6 |
| Excisional Scar | .. | 6 | 2 | 8 | 6 | 3 | 2 | 1 | .. | .. | 2 |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | Remained under treatment. | Outdoor patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| CYSTS:—RETENTION CYSTS—REMOVAL OF:— | | | | | | | | | | | |
| Removal cyst origin not known | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 10 |
| Mucous cyst | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Sebacious cyst | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 106 |
| Ranula | .. | 3 | .. | 3 | 3 | 3 | .. | .. | .. | .. | 1 |
| REMOVAL OF CONGENITAL CYSTS:— | | | | | | | | | | | |
| Thyro-glossal cyst | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | .. |
| Dermoid cyst | .. | 4 | .. | 4 | 4 | 3 | 1 | .. | .. | .. | 10 |
| Bronchial cyst | .. | 1 | 1 | 2 | 1 | .. | 1 | .. | .. | .. | 2 |
| REMOVAL OF DISTENSION CYSTS:— | | | | | | | | | | | |
| Ganglion | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| Ganglion—aspiration | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Thyroid | .. | 4 | .. | 4 | 4 | 3 | 1 | .. | .. | .. | .. |
| REMOVAL OF LYMPHATIC CYSTS—CYSTIC HYGROMA | 1 | .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Electricity—Lymphangeocele | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| Electro-Cautery | .. | 3 | 1 | 4 | 3 | 3 | .. | .. | .. | .. | 2 |
| Diathermy | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Electrolysis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| CHEMICALS:— | | | | | | | | | | | |
| Carbolic acid | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| RADIATION:— | | | | | | | | | | | |
| Radium—insertion or removal | .. | 16 | 4 | 20 | 16 | 3 | 9 | 2 | 2 | .. | 3 |
| INCISION, EVACUATION AND DRAINAGE OF ABSCESS. | | | | | | | | | | | |
| Acute abscess | 1 | 126 | 23 | 149 | 126 | 53 | 59 | 4 | 8 | 3 | 1198 |
| Chronic abscess | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | 7 |
| Pyocele | .. | 23 | 4 | 27 | 23 | 12 | 10 | .. | .. | 1 | 2 |
| Abscess Scrotum | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | 29 |
| Ischio-Rectal abscess | .. | 5 | .. | 5 | 5 | 4 | 1 | .. | .. | .. | 4 |
| Perianal abscess | .. | 11 | 1 | 12 | 11 | 5 | 5 | .. | 1 | .. | 94 |
| Periurethral abscess | .. | 6 | .. | 6 | 6 | 1 | 2 | .. | 2 | 1 | 9 |

APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | | |
| **Incision, Evacuation and Drainage of Abscess—*contd.*** | | | | | | | | | | | | |
| Abdominal wall abscess | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Gluteal abscess | .. | 14 | 1 | 15 | 14 | 11 | 2 | .. | .. | 1 | | 53 |
| Mammary abscess | .. | 6 | 1 | 7 | 6 | 3 | 3 | .. | .. | .. | | 8 |
| Parotid abscess | .. | 11 | 3 | 14 | 11 | 3 | 4 | .. | 4 | .. | | 4 |
| Peri nephric abscess | .. | 3 | .. | 3 | 3 | 2 | 1 | .. | .. | .. | | .. |
| Pelvic abscess | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | | .. |
| Psoas abscess | .. | 4 | 1 | 5 | 4 | .. | 3 | .. | .. | 1 | | .. |
| Ileo-Psoas abscess | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | | .. |
| Hepatic abscess | .. | | 1 | 0 | 5 | .. | 2 | .. | 3 | .. | | .. |
| Alvcolar abscess | .. | 5 | .. | 5 | 5 | 1 | 3 | 1 | .. | .. | | 11 |
| Spinal abscess | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 1 |
| Onychia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 20 |
| Suppurating bubo | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 9 |
| Haematoma | .. | 1 | 1 | 2 | 1 | .. | 1 | .. | .. | .. | | 6 |
| **Aspiration of—** | | | | | | | | | | | | |
| Chronic abscess | .. | 18 | 4 | 22 | 18 | 2 | 15 | 1 | .. | .. | | 439 |
| Cyst | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | | .. |
| Chronic mammary abscess | .. | 4 | .. | 4 | 4 | 2 | 1 | .. | .. | 1 | | 1 |
| Haematoma | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | | 3 |
| Hydrocele | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | | 43 |
| Joints | .. | 2 | .. | 2 | 2 | .. | 1 | 1 | .. | .. | | 4 |
| Bursa | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 3 |
| Aspiration for diagnosis of a growth. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 9 |
| **Tapping of—** | | | | | | | | | | | | |
| Hydrocele | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 919 |
| Ascitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 3 |
| Thorax for pleural fluid | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 1 |
| Abdominal cavity | .. | 2 | .. | 2 | 2 | 1 | .. | 1 | .. | .. | | .. |
| **Incisions for—** | | | | | | | | | | | | |
| Pyoarthrosis | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | | .. |
| Cellulitis | .. | 37 | 8 | 45 | 37 | 12 | 14 | 3 | 7 | 1 | | 80 |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| Incisions for—*contd.* | | | | | | | | | | | |
| Carbuncle | .. | 5 | .. | 5 | 5 | 1 | 4 | .. | .. | .. | 2 |
| Osteomyelitis | 1 | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | 10 |
| Extravasation of urine | .. | 2 | 1 | 3 | 2 | 1 | .. | .. | 1 | .. | .. |
| Guinea-worm cellulitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 |
| Guinea-worm abscess | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 5 |
| Gas-gangrene | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Linear scarification | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Tongue tie | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Incision of thrombosed piles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Incision, Bursae | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Incision, scar | .. | 1 | 1 | 2 | 1 | .. | 1 | .. | .. | .. | 5 |
| Excision of— | | | | | | | | | | | |
| Corns | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 65 |
| Warts | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| Ingrowing nail | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | 46 |
| Laceration of soft tissues | 1 | 4 | .. | 4 | 4 | 1 | 3 | 1 | .. | .. | 8 |
| Calcified guinea-worm | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | 6 |
| Bursa | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 5 |
| Fistula Umbelical | .. | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| Fistula bronchial | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Fistula urethral | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Cicatrix or sinus | .. | 7 | 1 | 8 | 7 | 3 | 3 | 2 | .. | 1 | 12 |
| Removal of section for microscopic examination | .. | 18 | 2 | 20 | 18 | 3 | 11 | 4 | 2 | 1 | 53 |
| Scraping of— | | | | | | | | | | | |
| Tubercular sinus | .. | 8 | 4 | 12 | 8 | 3 | 4 | .. | .. | 1 | 9 |
| Tubercular ulcer | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | 96 |
| Tubercular glands | .. | 7 | 2 | 9 | 7 | 3 | 4 | .. | .. | .. | .. |
| Suturing of wounds.— | | | | | | | | | | | |
| Primary | .. | 78 | 4 | 82 | 78 | 29 | 41 | 2 | 5 | 4 | 1 |
| Secondary | .. | .. | 23 | 23 | .. | .. | .. | .. | .. | .. | 23 |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation | In-patients. | | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | | | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | Remained under treatment. | |
| REMOVAL OF FOREIGN BODIES FROM.— | | | | | | | | | | | | |
| Stomach or intestine.. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Ear .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Tissues .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 83 |
| Removal of Bullets .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 2 |
| SKIN GRAFTING.— | | | | | | | | | | | | |
| Thiersch's method .. .. .. | .. | 13 | 24 | 37 | 13 | 6 | 6 | .. | 1 | .. | .. |
| Pedicle grafts .. .. .. .. | .. | .. | 9 | 9 | .. | .. | .. | .. | .. | .. | .. |
| Kanaval's operation on hand .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| PLASTIC OPERATIONS ON FACE AND MOUTH.— | | | | | | | | | | | | |
| Hare lip .. .. .. .. | 1 | 4 | 1 | 5 | 4 | 3 | 1 | .. | 1 | .. | .. |
| Rhinoplasty .. .. .. .. | .. | 2 | .. | 2 | 2 | .. | 1 | 1 | .. | .. | .. |
| Cheiloplasty .. .. .. .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Cleft-palate .. .. .. .. | .. | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| ON EXTREMITIES.— | | | | | | | | | | | | |
| Correction of deformity or malformation by closed method .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | — |
| Removal extra finger .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Talipes equinovarus .. .. .. | .. | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | 1 |
| OPERATIONS ON MUSCLES, TENDONS, BURSAE AND FASCIAE.— | | | | | | | | | | | | |
| Tanotomy—Subcutaneous method.. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Suturing of divided tendon .. | .. | 5 | .. | 5 | 5 | 4 | 1 | .. | .. | .. | .. |
| Tendon Transplantation .. .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| OPERATIONS ON JOINTS.— | | | | | | | | | | | | |
| FOR DISEASE.— | | | | | | | | | | | | |
| Shoulder .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Knee .. .. .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| FOR INJURIES.— | | | | | | | | | | | | |
| Shoulder .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Meta-Carpo Phalangeal .. .. | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | 3 |
| Meta-Tarso Phalangeal .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients-operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| ARTHRODESIS.— | | | | | | | | | | | |
| Spinal joint | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Elbow | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Tarsal | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| EXCISION.— | | | | | | | | | | | |
| Mandibular Joint | .. | 2 | 2 | 4 | 2 | 1 | 1 | .. | .. | .. | .. |
| Elbow | 1 | 7 | .. | 7 | 7 | 3 | 5 | .. | .. | 1 | .. |
| Knee | .. | 4 | .. | 4 | 4 | 2 | 2 | .. | .. | .. | .. |
| DISARTICULATION:— | | | | | | | | | | | |
| Carpo-meta carpal | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Meta carpo phalangeal | .. | 2 | 1 | 3 | 2 | .. | 2 | .. | .. | .. | 2 |
| Inter-phalangeal | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 2 |
| REDUCTION OF DISLOCATION—OPEN METHOD— | | | | | | | | | | | |
| Elbow | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| REDUCTION OF DISLOCATION—CLOSED METHOD— | | | | | | | | | | | |
| Shoulder | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Wrist | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| AMPUTATIONS FOR DISEASE :— | | | | | | | | | | | |
| Amputation of arm, middle third | .. | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| Amputation of arm, lower third | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Amputation of forearm, lower third | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Amputation of fingers | .. | 3 | .. | 3 | 3 | .. | 3 | .. | .. | .. | 1 |
| Amputation of Phalanges | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Amputation of thigh, upper third | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Amputation of thigh, middle third | .. | 2 | .. | 2 | 2 | .. | .. | .. | 2 | .. | .. |
| Amputation of thigh, lower third | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Amputation of leg, upper third | .. | 3 | .. | 3 | 3 | 2 | .. | .. | 1 | .. | .. |
| Amputation of leg, middle third | .. | 3 | 1 | 4 | 3 | 1 | .. | 1 | 1 | .. | .. |
| Amputation of leg, lower third | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Syme's amputation | .. | 2 | 1 | 3 | 2 | 1 | .. | .. | 1 | .. | .. |
| Amputation of great toe | .. | 1 | 1 | 2 | 1 | .. | .. | .. | .. | 1 | .. |
| Amputation of other toes | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |

APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | | | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | Remained under treatment. | | |
| AMPUTATIONS FOR INJURIES.— | | | | | | | | | | | | |
| Amputation of arm, upper third | .. | 2 | .. | 2 | 2 | 1 | .. | .. | .. | .. | .. | |
| Amputation of arm, middle third | .. | 4 | 1 | 5 | 4 | 3 | 1 | .. | .. | .. | .. | |
| Amputation of arm, lower third | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | 1 | |
| Amputation of fore-arm, lower third | .. | 3 | .. | 3 | 3 | 2 | 1 | .. | .. | .. | .. | |
| Amputation of thumb | .. | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | 1 | |
| Amputation of fingers | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | 8 | |
| Amputation of phalanges | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | |
| Amputation of thigh, lower third | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | |
| Amputation leg, upper third | .. | 3 | .. | 3 | 3 | 2 | 1 | .. | .. | .. | .. | |
| Amputation leg, middle third | .. | 7 | .. | 7 | 7 | 5 | 1 | .. | 1 | .. | .. | |
| Syme's amputation | .. | 1 | 1 | .. | 1 | 1 | 1 | .. | 1 | .. | .. | .. |
| Amputation of great toe | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Amputation of other toes | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. | 4 |
| Amputation of phalanges | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| AMPUTATIONS FOR DEFORMITY.— | | | | | | | | | | | | |
| Amputation Fingers | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 1 | |
| OPERATIONS ON BONES.— | | | | | | | | | | | | |
| Osteotomy, Linear | .. | 3 | .. | 3 | 3 | .. | 1 | 1 | .. | 1 | .. | |
| Sequestrotomy | 2 | 31 | 6 | 37 | 31 | 16 | 14 | 1 | .. | 2 | 3 | |
| Scraping for Chronic osteomyelitis | 1 | 34 | 10 | 44 | 34 | 12 | 21 | .. | 1 | 1 | 7 | |
| Excision of part of bone | .. | 6 | 1 | 7 | 6 | 2 | 3 | 1 | .. | .. | 2 | |
| SETTING OF FRACTURES— | | | | | | | | | | | | |
| Wiring | .. | 6 | .. | 6 | 6 | 3 | 2 | .. | .. | 1 | .. | |
| By simple manipulation. Open method | .. | 1 | 28 | 5 | 33 | 28 | 8 | 14 | 2 | 4 | 1 | .. |
| Kuschner's wire extension | .. | .. | 21 | 3 | 24 | 21 | 2 | 2 | 4 | 2 | 11 | .. |
| Plating | 2 | 2 | .. | 2 | 2 | 3 | 1 | .. | .. | .. | .. | |
| Bone-Pegging | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. | |
| Suturing-extra capsular | .. | 1 | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | 1 | .. |
| Bone grafting | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| REMOVAL OF— | | | | | | | | | | | | |
| Plates, Screws and wires Peg | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |

APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-Patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | No. of patients operated on. | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| INJECTION OF :— | | | | | | | | | | | |
| Alcohol into gasserian ganglian .. | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | 1 |
| Carbolic acid (Piles).. .. .. | 1 | 2 | .. | 2 | 2 | 1 | 2 | .. | .. | .. | 693 |
| EPIDURAL-SALINE— | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| OPERATIONS ON DUCTLESS GLANDS— | | | | | | | | | | | |
| Thyroidectomy partial .. .. | .. | 10 | .. | 10 | 10 | 3 | 2 | .. | 4 | 1 | .. |
| Excision of malignant tumour .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Tubercular Mastitis .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Growth-malignant .. .. .. | .. | 12 | 1 | 13 | 12 | 4 | 6 | .. | 2 | .. | .. |
| Gynaecomastia .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| CIRCULATORY SYSTEM.— | | | | | | | | | | | |
| HEART— | | | | | | | | | | | |
| Pericardiotomy .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| ARTERIES— | | | | | | | | | | | |
| Ligature of artery for Haemorrhage .. .. .. | .. | 3 | .. | 3 | 3 | .. | 2 | 1 | .. | .. | 1 |
| Excision of aneurysmal sac. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| VEINS— | | | | | | | | | | | |
| Resection .. .. .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| Trendelenberg's operation for Vericose Veins .. .. | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| Blood Transfusion .. .. | .. | 1 | 1 | 2 | 1 | .. | .. | .. | 1 | .. | .. |
| LYMPHATIC VESSELS AND GLANDS, EXCISION OF— | | | | | | | | | | | |
| Tubercular .. .. .. | .. | 11 | 3 | 14 | 11 | 5 | 4 | .. | 2 | .. | 8 |
| Chronic septic .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Malignant .. .. .. | .. | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |
| Kondoleon's operation .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| NERVOUS SYSTEM— | | | | | | | | | | | |
| Trephining for decompression .. .. .. | .. | 3 | .. | 3 | 3 | .. | .. | .. | 3 | .. | .. |
| Trephining for exploration for growth .. .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Elevation of depressed fracture .. .. .. | .. | 3 | .. | 3 | 3 | .. | 1 | 1 | 1 | .. | .. |
| SPINAL COLUMN— | | | | | | | | | | | |
| Laminectomy .. .. | .. | 2 | 1 | 3 | 2 | 1 | .. | 1 | .. | .. | .. |
| Albee's Operation .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | | | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | Remained under treatment. | |
| SPINAL CORD— | | | | | | | | | | | | |
| Excision of intra spinal tumour | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| Posterior Rhisotomy (Forster's Operation) | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| NERVES— | | | | | | | | | | | | |
| Neurectomy | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| Peri arterial sympathectomy | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Stretching of the nerve | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Suturing of nerve | .. | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. |
| Transposition of nerve | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| Injection into nerve | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| RESPIRATORY SYSTEMS:— | | | | | | | | | | | | |
| LARYNX:— | | | | | | | | | | | | |
| Laryngectom | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| TRACHEA:— | | | | | | | | | | | | |
| Tracheotomy | .. | 2 | 2 | 4 | 2 | .. | .. | .. | 2 | .. | .. | .. |
| BRONCHUS:— | | | | | | | | | | | | |
| Bronchoscopy | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| THORAX:— | | | | | | | | | | | | |
| Thoracotomy | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| Resection of rib | .. | 1 | 9 | .. | 9 | 9 | 6 | 3 | .. | 1 | .. | .. |
| DIGESTIVE SYSTEM:— | | | | | | | | | | | | |
| Extraction of teeth | .. | .. | 1 | 1 | 2 | 1 | .. | .. | .. | .. | 1 | 2506 |
| Partial excision of tongue extra buccal | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Partial excision of tongue intra buccal | .. | .. | 3 | .. | 3 | 3 | 1 | 2 | .. | .. | .. | .. |
| SALIVERY GLANDS:— | | | | | | | | | | | | |
| Excision of benign tumour | .. | 1 | 1 | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. |
| OESOPHAGUS & PHARYNX:— | | | | | | | | | | | | |
| Oesophagoscopy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| STOMACH— | | | | | | | | | | | | |
| Gastrotomy | .. | 1 | 1 | .. | 1 | 1 | .. | 2 | .. | .. | .. | .. |
| Gastrectomy | .. | 1 | 5 | 4 | 9 | 5 | .. | 1 | .. | 5 | .. | .. |
| Gastrostomy—partial for ulcer | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Gastrectomy—partial for cancer | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Gastr rrhaphy for perforation | .. | .. | 5 | .. | 5 | 5 | 4 | .. | .. | .. | 1 | .. |
| Gastrorrhaphy for stab wound | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| STOMACH AND INTESTINES— | | | | | | | | | | | |
| Gastro jejunostomy for Gastric Ulcer .. .. .. .. | 1 | 8 | .. | 8 | 8 | 5 | 2 | .. | 2 | .. | .. |
| Gastro jejunostomy for Duodenal Ulcer .. .. .. | .. | 14 | .. | 14 | 14 | 10 | .. | .. | 4 | .. | .. |
| Gastro jejunostomy for pyloric obstruction .. .. .. | .. | 3 | .. | 3 | 3 | 2 | 1 | .. | .. | .. | .. |
| JEJUNUM AND ILIUM— | | | | | | | | | | | |
| Entero-plasty .. .. .. | .. | 5 | .. | 5 | 5 | 2 | .. | .. | 3 | .. | .. |
| Enteroanastomosis .. .. .. | .. | 6 | .. | 6 | 6 | 4 | 1 | .. | 1 | .. | .. |
| Ileocolostomy .. .. .. | .. | 23 | .. | 23 | 23 | 6 | 11 | 1 | 4 | 1 | .. |
| Enterectomy .. .. .. .. | .. | 4 | .. | 4 | 4 | 1 | .. | .. | 3 | .. | .. |
| APPENDIX— | | | | | | | | | | | |
| Appendiscetomy for acute appendicitis .. .. .. | .. | 10 | .. | 10 | 10 | 4 | 1 | .. | 5 | .. | .. |
| Appendisetomy for subacute appendicitis.. .. .. | .. | 60 | 1 | 61 | 60 | 46 | 6 | .. | 5 | 3 | .. |
| Appendisetomy for chronic appendicitis .. .. .. | 4 | 67 | 1 | 68 | 67 | 56 | 8 | .. | 5 | 2 | .. |
| Appendiscetomy for perforated appendicitis with peritonitis diffused .. .. | .. | 3 | .. | 3 | 3 | 1 | 1 | .. | 1 | .. | .. |
| Appendicular abscess Incision and drainage .. .. .. | .. | 4 | .. | 4 | 4 | 1 | 1 | .. | 1 | 1 | .. |
| CAECUM— | | | | | | | | | | | |
| Caecestomy .. .. .. .. | .. | 1 | 2 | 3 | 1 | .. | .. | .. | 1 | .. | .. |
| Excision of Caecum .. .. .. | .. | 3 | .. | 3 | 3 | 1 | 1 | .. | 1 | .. | .. |
| COLON— | | | | | | | | | | | |
| Colostomy .. .. .. .. | 3 | 1 | 3 | 4 | 1 | .. | 2 | .. | 2 | .. | .. |
| Colectomy-Partial .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Colopexy for prolapse rectum .. .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| RECTUM AND ANUS— | | | | | | | | | | | |
| Dilatation for stricture .. .. | 1 | 5 | .. | 5 | 5 | 3 | 2 | .. | 1 | .. | 10 |
| Dilatation of anal sphincter.. .. .. | .. | 2 | .. | 2 | 2 | .. | 1 | .. | 1 | .. | 75 |
| Reduction of prolapse rectum .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Injection for prolapse rectum .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Excision of rectum partial .. .. .. | .. | 3 | 1 | 4 | 3 | 1 | 2 | .. | .. | .. | .. |
| Excision of rectum complete perineal route .. .. .. | .. | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| **Anus—** | | | | | | | | | | | |
| Excision and ligature of haemorrhoids external | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 25 |
| Excision and ligature of haemorrhoids internal | 1 | 29 | 2 | 31 | 29 | 23 | 5 | .. | .. | 2 | .. |
| Whitehead's operation for piles | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | 3 |
| Excision of fissure in ano | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| Excision of fistula in ano | .. | 25 | 3 | 28 | 25 | 15 | 8 | .. | .. | 2 | 16 |
| **General Operations on Intestines—** | | | | | | | | | | | |
| Lateral anastomosis | .. | 2 | .. | 2 | 2 | 1 | .. | .. | 1 | .. | .. |
| Repair of faecal fistula extra peritoneal | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Repair of faecal fistula intra peritoneal | .. | 2 | .. | 2 | 2 | .. | .. | .. | 2 | .. | .. |
| **External Hernia—** | | | | | | | | | | | |
| Herniotomy-Radical cure for inguinal hernia | 7 | 115 | 1 | 116 | 115 | 92 | 23 | .. | .. | 7 | .. |
| Herniotomy-Radical cure for inguinal Vertreal hernia | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Herniotomy for strangulated hernia, Inguinal | 1 | 35 | .. | 35 | 35 | 20 | 9 | .. | 6 | 1 | — |
| Herniotomy for strangulated hernia, femoral | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | — |
| **Internal Hernia—** | | | | | | | | | | | |
| Exploratory Laparotomy | 6 | 37 | .. | 37 | 37 | 13 | 9 | 3 | 18 | .. | .. |
| **Liver and Billiary Apparatus Liver—** | | | | | | | | | | | |
| Partial excision of liver | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| **Gall Bladder—** | | | | | | | | | | | |
| Cholecystectomy | .. | 18 | .. | 18 | 18 | 13 | 2 | .. | 2 | 1 | .. |
| **Spleen—** | | | | | | | | | | | |
| Removal of spleen for rupture | .. | 2 | .. | 2 | 2 | .. | .. | .. | 2 | .. | .. |
| Removal of spleen for disease | .. | 2 | .. | 2 | 2 | 1 | .. | .. | .. | 1 | .. |
| **Pancreas—** | | | | | | | | | | | |
| Marsupialisation of pancreatic cyst | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| **Genital System—Testis or Tunica Vaginalis—** | | | | | | | | | | | |
| Plastic operation for elephantiasis scrotum | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| **Testis—** | | | | | | | | | | | |
| Orchidopexy | .. | 2 | .. | 2 | 2 | 1 | .. | .. | .. | 1 | .. |
| Orchidectomy for T. B. | .. | 2 | 1 | 3 | 2 | 2 | .. | .. | .. | .. | .. |

## APPENDIX No. 7—*contd.*

*Classification of Operations performed in the Surgical Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| TESTIS—*Contd.* | | | | | | | | | | | |
| Orchidectomy for Gangrene or sepsis .. .. .. .. | .. | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| Orchidectomy for old Haemotocele .. .. .. .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Orchidectomy for new growth .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| Plastic operation for traumatic hernia or testis .. .. | .. | 1 | .. | 1 | 1 | 1 | 1 | .. | .. | .. | .. |
| TUNICA VAGINALIS— | | | | | | | | | | | |
| Eversion of sac .. .. .. | .. | 45 | 1 | 46 | 45 | 37 | 4 | .. | .. | 4 | .. |
| Eversion with partial excision .. | 3 | 29 | .. | 29 | 29 | 24 | 6 | .. | 1 | 1 | .. |
| EPIDIDYMIS— | | | | | | | | | | | |
| Removal of cyst .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Vericocele excision of the pampiniform plexus .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| SEMINAL VESICLES— | | | | | | | | | | | |
| Prostatectomy perineal .. .. | .. | 4 | 1 | 5 | 4 | 1 | 2 | .. | 1 | .. | .. |
| Prostatectomy suprapubic .. .. | .. | 3 | 5 | 8 | 3 | 2 | 1 | .. | .. | .. | .. |
| PENIS— | | | | | | | | | | | |
| Circumcision .. .. .. | .. | 8 | 1 | 9 | 8 | 8 | .. | .. | .. | .. | 98 |
| Dorsal Incision for paraphimosis .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 18 |
| Acupuncture for paraphimosis .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 49 |
| Plastic operation for epispadias .. .. .. .. .. | .. | 2 | 2 | 4 | 2 | .. | 1 | .. | 1 | .. | .. |
| Plastic operation for hypospadius .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| Partial amputation .. .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Total amputation .. .. .. | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | .. |
| SCROTUM— | | | | | | | | | | | |
| Excision of scrotum .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| KIDNEY— | | | | | | | | | | | |
| Nephrectomy .. .. .. | .. | 5 | 2 | 7 | 5 | 5 | .. | .. | .. | .. | .. |
| Nephrolithotomy .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| URETER— | | | | | | | | | | | |
| Uretero lithotomy .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Transplantation of trigone of bladder ectopia vesicæ .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |

## APPENDIX No. 7—*concld.*

*Classification of Operations performed in the Surgical Department during the year* 1937—concld.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | No. of patients operated on. | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| **Bladder—** | | | | | | | | | | | |
| Suprapubic Puncture .. .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| „ Cystotomy .. .. | 1 | 10 | 1 | 11 | 10 | 3 | 4 | 2 | 1 | 1 | .. |
| Lithotomy suprapubic .. .. | .. | 19 | .. | 19 | 19 | 10 | 9 | .. | .. | .. | .. |
| Lithotrity .. .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Lithalopexy .. .. .. .. | .. | 3 | .. | 3 | 3 | 1 | 1 | .. | 1 | .. | .. |
| Suture of bladder .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| **Urethra—** | | | | | | | | | | | |
| Plastic operation .. .. .. | 1 | 1 | 3 | 4 | 1 | 2 | .. | .. | .. | .. | .. |
| Dilatation of stricture, gradual .. | 2 | 6 | 24 | 30 | 6 | 1 | 7 | .. | .. | .. | 112 |
| Sounding for stone .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 160 |
| Urethrotomy, Internal .. .. | .. | 2 | .. | 2 | 2 | .. | 1 | .. | .. | 1 | .. |
| Urethrotomy, External (Wheelhouse's operation.) .. .. | .. | 4 | 4 | 8 | 4 | 1 | 3 | .. | .. | .. | .. |
| Meatotomy for stricture .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| Removal of stone for Urethra .. .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 4 |
| Total .. | 65 | 1,560 | 266 | 1,766 | 1,560 | 771 | 508 | 54 | 165 | 67 | 7,580 |

# APPENDIX No. 8.

*Classification of Operations performed in the Gynaecological Department during the year* 1937.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| TUMOURS (NEOPLASMS) MALIGNANT— | | | | | | | | | | | |
| Carcinoma .. .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| GRANUALATION TISSUE TUMOURS POLYPUS .. .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| REMOVAL OF CONGENITAL CYST— | | | | | | | | | | | |
| Dermoid cyst .. .. .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| ELECTRICITY— | | | | | | | | | | | |
| Electro-cautery .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| INCISION, EVACUATION AND DRAINAGE OF ABSCESS— | | | | | | | | | | | |
| Acute abscess.. .. .. .. | .. | 1 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| Perianal abscess .. .. .. | .. | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| Pelvic abscess .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| EXCISION OF— | | | | | | | | | | | |
| Removal of section for microscopic examination .. .. .. | .. | 3 | .. | 3 | 3 | 2 | .. | 1 | .. | .. | .. |
| SCRAPING OF— | | | | | | | | | | | |
| Tubercular ulcer .. .. .. | .. | 1 | 1 | 2 | 1 | .. | .. | 1 | .. | .. | .. |
| SUTURING OF WOUNDS— | | | | | | | | | | | |
| Secondary .. .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| ANUS— | | | | | | | | | | | |
| Excision and ligature of haemorrhoids, internal .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| GENERAL OPERATIONS ON INTESTINES— | | | | | | | | | | | |
| Repair of faecal fistula intra peritoneal .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| INTERNAL HERNIA— | | | | | | | | | | | |
| Exploratory Laparatomy .. .. | .. | 9 | 1 | 10 | 9 | 4 | 3 | 1 | 1 | .. | 1 |
| FEMALE GENITAL ORGANS : UTERUS— | | | | | | | | | | | |
| Hysterectomy sub-total without appendages .. .. .. | .. | 7 | .. | 7 | 7 | 7 | .. | .. | .. | .. | .. |
| Hysterectomy sub-total with appendages .. .. .. | .. | 9 | 1 | 10 | 9 | 8 | .. | .. | .. | 1 | .. |
| Hysterectomy total without appendages .. .. .. | .. | 4 | .. | 4 | 4 | 2 | .. | .. | .. | 2 | .. |
| Hysterectomy total with appendages .. .. .. | .. | 6 | 1 | 7 | 6 | 4 | 1 | .. | 1 | .. | .. |

APPENDIX No. 8—*contd.*

*Classification of Operations performed in the Gynaecological Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | Number of patients operated on. | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| ULEKUS—*Contd.* | | | | | | | | | | | |
| Hysterectomy radical, abdominal for carcinoma cervix (Wertheim's) .. .. .. | .. | 6 | 1 | 7 | 6 | 5 | .. | .. | 1 | .. | .. |
| Hysterectomy vaginal .. .. | .. | 7 | .. | 7 | 7 | 7 | .. | .. | .. | .. | .. |
| Removal of fibroid polypus from cancer uteri .. .. .. | .. | 3 | .. | 3 | 3 | 3 | .. | .. | .. | .. | .. |
| Removal of febroid polypus from body of uteri .. .. | .. | 5 | .. | 5 | 5 | 3 | 1 | .. | .. | 1 | .. |
| Removal of abdominal myoma .. | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| Ventral suspension .. .. .. | 4 | 71 | 1 | 72 | 71 | 64 | 3 | 2 | .. | 6 | .. |
| CERVIX— | | | | | | | | | | | |
| Amputation of the cervix .. .. | .. | 7 | .. | 7 | 7 | 7 | .. | .. | .. | .. | .. |
| Dilatation of cervix uteri .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Dilatation and currettage of the uterus .. .. .. .. | 1 | 97 | 2 | 99 | 97 | 68 | 28 | 1 | .. | 1 | .. |
| Dilatation and currettage of the uterus with inflation of the fallopian tubes .. .. | .. | 15 | .. | 15 | 15 | 13 | 1 | .. | .. | 1 | .. |
| Diathermy for cancer cervix .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| Cauterization of cervix by heat .. .. .. .. | .. | 3 | 1 | 4 | 3 | 2 | 1 | .. | .. | .. | .. |
| Removal of section from cervix for diagnosis .. .. | .. | 5 | .. | 5 | 5 | .. | 3 | 2 | .. | .. | .. |
| PERINEUM AND VAGINA— | | | | | | | | | | | |
| Repair of complete laceration of the perineum .. .. .. | .. | 7 | 2 | 9 | 7 | 6 | 1 | .. | .. | .. | .. |
| Anterior Colporrhaphy .. .. | 1 | 2 | .. | 2 | 2 | 3 | .. | .. | .. | .. | .. |
| Calpo-perineorrhaphy .. .. | 2 | 10 | 1 | 11 | 10 | 12 | .. | .. | .. | .. | .. |
| Fothergill's operation .. .. | 1 | 3 | .. | 3 | 3 | 4 | .. | .. | .. | .. | .. |
| Le Fort's operation for prolapse .. | .. | 3 | .. | 3 | 3 | 2 | .. | .. | 1 | .. | .. |
| Removal of vaginal cyst .. .. | .. | 3 | .. | 3 | 3 | 3 | .. | .. | .. | .. | .. |
| Removal of Bartholin's cyst .. | .. | 3 | .. | 3 | 3 | 2 | 1 | .. | .. | .. | .. |
| Incision Bartholin's abscess.. .. | .. | 2 | .. | 2 | 2 | 12 | 1 | .. | .. | .. | .. |
| Dilatation of vagina .. .. | .. | 2 | .. | 2 | 2 | 2 | .. | . | .. | .. | .. |
| Excision of the vulva .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Repair of vesico vaginal fistula .. .. .. .. | .. | 3 | 1 | 4 | 3 | 1 | .. | .. | 1 | 1 | .. |
| Posterior Colpotomy.. .. .. | 1 | 5 | .. | 5 | 5 | 5 | 1 | .. | .. | .. | .. |

## APPENDIX No. 8—*concld.*

*Classification of Operations performed in the Gynaecological Department during the year* 1937—contd.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Result. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| URETHRA— | | | | | | | | | | | |
| Removal of urethral caruncle .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| FALLOPIAN TUBES— | | | | | | | | | | | |
| Salpingectomy .. .. .. | .. | 9 | .. | 9 | 9 | 8 | 1 | .. | .. | .. | .. |
| Salpingo-ophorectomy .. .. | 2 | 20 | 1 | 21 | 20 | 17 | 2 | 2 | .. | 1 | .. |
| Salpingostomy .. .. .. | .. | 4 | .. | 4 | 4 | 4 | .. | .. | .. | .. | .. |
| BROAD LIGAMENTS— | | | | | | | | | | | |
| Removal of broad ligament cyst. .. | .. | 3 | .. | 3 | 3 | 1 | .. | .. | 1 | 1 | .. |
| Removal of solid broad ligament tumour .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| OVARIES— | | | | | | | | | | | |
| Ovariotomy .. .. .. .. | .. | 15 | 2 | 17 | 15 | 11 | 2 | .. | 2 | .. | .. |
| Oopherectomy .. .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Resection of the ovary .. .. | .. | 5 | .. | 5 | 5 | 4 | 1 | .. | .. | .. | .. |
| APPENDICECTOMY— | | | | | | | | | | | |
| Repair of ventral Hernia .. .. | .. | 3 | .. | 3 | 3 | 2 | .. | .. | 1 | .. | .. |
| Secondary sutures .. .. .. | .. | .. | 11 | 11 | .. | .. | .. | .. | .. | .. | .. |
| Total .. | 13 | 375 | 30 | 405 | 375 | 298 | 53 | 11 | 11 | 15 | .. |

# APPENDIX No. 9.

*Classification of Operations performed in the Ophthalmic Department during the year* 1937.

| Nature of operation. | In-patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last Report. | Number of operations. | | | | Results. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| EYELIDS— | | | | | | | | | | | |
| Tumours | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Entropion | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | 13 |
| Abscess | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 7 |
| Hordeolium | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 25 |
| Chalasion | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 |
| Ptosis | .. | 1 | 1 | 2 | 1 | .. | 1 | .. | .. | .. | .. |
| Tarsectomy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Electrolysis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| CONJUNCTIVA— | | | | | | | | | | | |
| Subconjunctival injection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Expression of trachomatous follicles. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | 2 |
| Excision of conjunctival growth | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 |
| Pterygium excision | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| Pterygium transplantation | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Conjunctival cysts | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 2 |
| CORNEA— | | | | | | | | | | | |
| Cauterisation | .. | 14 | 1 | 15 | 14 | 5 | 8 | .. | 1 | .. | 19 |
| Ionisation | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Abscission | .. | 3 | .. | 3 | 3 | 1 | 2 | .. | .. | .. | .. |
| Paracentesis | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | .. |
| Saemisch's section | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Tattooing | .. | 3 | .. | 3 | 3 | .. | 3 | .. | .. | .. | 1 |
| Foreign body | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 180 |
| Carbolisation | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| LACRYMAL APPARATUS— | | | | | | | | | | | |
| Abscess—Incision, evacuation and drainage | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| Excision of sac | .. | 37 | 1 | 38 | 37 | 26 | 11 | .. | .. | .. | 4 |
| Excision of lacrymal gland | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| MUSCLES— | | | | | | | | | | | |
| Advancement of external rectus | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |

## APPENDIX No. 9—*contd.*

*Classification of Operations performed in the Ophthalmic Department during the year* 1937—contd.

| Nature of Operation. | In-Patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last report. | Number of Operations. | | | | Results. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| **Iris—** | | | | | | | | | | | |
| Iridectomy .. .. .. .. | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | .. |
| Iridectomy preliminary to cataract extraction .. .. .. .. | .. | 4 | .. | 4 | 4 | .. | 4 | .. | .. | .. | .. |
| Optical iridectomy .. .. .. | .. | 51 | 1 | 52 | 51 | 27 | 22 | .. | .. | 2 | .. |
| Iridectomy for glaucoma .. .. | .. | 25 | .. | 25 | 25 | 12 | 11 | 1 | .. | 1 | .. |
| Excision of prolapsed Iris .. .. | .. | 4 | 7 | 11 | 4 | 1 | 2 | 1 | .. | .. | .. |
| Iridotomy .. .. .. .. | .. | 1 | 1 | 2 | 1 | .. | 1 | .. | .. | .. | .. |
| Cauterisation of prolapsed iris .. | .. | 3 | 4 | 7 | 3 | .. | 2 | .. | 1 | .. | 4 |
| **Sclera—** | | | | | | | | | | | |
| Sclerectomy with Iridectomy (Langrange operation) .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Sclero-Corneal trephining .. .. | .. | 15 | 1 | 16 | 15 | 2 | 13 | .. | .. | .. | 1 |
| Removal of magnetic foreign bodies by the hand magnet .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Cauterisation .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| **Lens—** | | | | | | | | | | | |
| Extra-capsular extraction without iridectomy (simple) .. .. | 5 | 197 | 3 | 200 | 197 | 184 | 10 | 3 | .. | 5 | .. |
| Extra-capsular extraction with iridectomy (combined) .. .. | 1 | 137 | 5 | 142 | 137 | 115 | 16 | 2 | .. | 5 | .. |
| Intra-capsular extraction without iridectomy (simple) .. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Intra-capsular extraction with iridectomy combined .. .. | .. | 6 | .. | 6 | 6 | 4 | 2 | .. | .. | .. | .. |
| Discission of opaque capsule (needling) .. .. .. .. | .. | 26 | 11 | 37 | 26 | 16 | 10 | .. | .. | .. | 50 |
| Discission of opaque tranmatic .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Discission cataract and curette evacuation .. .. .. .. | .. | 1 | 4 | 5 | 1 | .. | 1 | .. | .. | .. | .. |
| **Socket—** | | | | | | | | | | | |
| Plastic Operation .. .. .. | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | .. |
| **General Operations—** | | | | | | | | | | | |
| Enucleation of eye .. .. .. | 1 | 23 | 1 | 24 | 23 | 6 | 17 | .. | .. | 1 | .. |
| Evisceration .. .. .. .. | .. | 8 | .. | 8 | 8 | 2 | 6 | .. | .. | .. | .. |
| Total .. | 7 | 579 | 42 | 621 | 579 | 411 | 152 | 7 | 2 | 14 | 421 |

## APPENDIX No. 10.

*Classification of Operations performed in the Ear, Nose and Throat Department during the year* 1937 :—

| Nature of Operation. | In-Patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last report. | Number of Operations. | | | | Results. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| TUMOURS (NEOPLASMS) NON-MALIGNANT (BENIGN). | | | | | | | | | | | |
| Excision of— | | | | | | | | | | | |
| Fibroma | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| Cysts—Removal of— | | | | | | | | | | | |
| Mucous cyst | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| Destruction by Heat— | | | | | | | | | | | |
| Cautery | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Incision, Evacuation and Drainage of— | | | | | | | | | | | |
| Acute abscess | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Parotid abscess | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Incisions for— | | | | | | | | | | | |
| Cellulitis | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| Arteries— | | | | | | | | | | | |
| Ligature of artery for hæmorrhage | .. | 2 | .. | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| Excision of malignant | .. | 1 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. |
| Larynx— | | | | | | | | | | | |
| Laryngectomy | .. | 1 | 1 | 2 | 1 | .. | .. | .. | .. | 1 | .. |
| Trachea— | | | | | | | | | | | |
| Tracheotomy | .. | 16 | 1 | 17 | 16 | 2 | 6 | .. | 6 | 2 | .. |
| Septum— | | | | | | | | | | | |
| Sub-mucous resection of Nasal septum | .. | 129 | .. | 129 | 129 | 88 | 38 | .. | 1 | 2 | .. |
| Turbinate Bones— | | | | | | | | | | | |
| Cauterisation of inferior turbinate | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 177 |
| Ionisation of middle turbinate bones | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 135 |
| Partial turbinectomy inferior turbinate | .. | 20 | .. | 20 | 20 | 9 | 11 | .. | .. | .. | 72 |
| Turbinectomy middle turbinate | .. | 10 | .. | 10 | 10 | 8 | 2 | .. | .. | .. | 1 |
| Posterior Nares— | | | | | | | | | | | |
| Bone grafting for atrophic rhinitis | .. | 9 | .. | 9 | 9 | 3 | 6 | .. | .. | .. | .. |
| Removal of nasal polypi | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 29 |
| Operations on Accessary Nasal Sinuses | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Maxillary Antrum— | | | | | | | | | | | |
| Intra-nasal (Antrostomy) | .. | 7 | .. | 7 | 7 | 2 | 5 | .. | .. | .. | .. |
| Puncture | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 215 |
| Radical (including antronasal choanal polypi) cald wellue's Operations | .. | 21 | .. | 21 | 21 | 16 | 5 | .. | .. | .. | .. |
| All sinuses through cald wellue's | .. | 28 | .. | 28 | 28 | 16 | 11 | .. | .. | 1 | .. |

APPENDIX No. 10—*contd.*

*Classification of Operations performed in the Ear, Nose and Throat Department during the year* 1936—contd.

| Nature of Operation. | In-Patients. | | | | | | | | | | Out-door patients operated on. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Remained as per last report. | Number of operations. | | | | Results. | | | | Remained under treatment. | |
| | | Principal. | Secondary. | Total. | No. of patients operated on. | Cured. | Relieved. | Discharged otherwise. | Died. | | |
| Frontal Sinuses— | | | | | | | | | | | |
| Intra-nasal .. .. .. .. | .. | 10 | 2 | 12 | 10 | 6 | 3 | .. | .. | 1 | .. |
| Extra-nasal .. .. .. .. | .. | 4 | 2 | 6 | 4 | 1 | 1 | .. | 1 | 1 | .. |
| Catheterisation .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Ethmoidal Sinus— | | | | | | | | | | | |
| Scraping of ethmoidal cells .. .. | .. | 12 | .. | 12 | 12 | 5 | 5 | 2 | .. | .. | 1 |
| Operations on Mouth, Fauces, Pharynx and Nasopharynx— | | | | | | | | | | | |
| Excision of tonsils .. .. .. | .. | 294 | .. | 294 | 294 | 177 | 117 | .. | .. | .. | .. |
| Do. adenoids .. .. | .. | 4 | .. | 4 | 4 | 2 | 2 | .. | .. | .. | .. |
| Do. T. & A. .. .. .. | .. | 759 | .. | 759 | 759 | 429 | 326 | 3 | 1 | .. | .. |
| Incision of peri-tonsillar abscess .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Plastic Operation on pharynx and soft palate .. .. .. | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | .. |
| Direct Examination and Operations on Larynx and Bronchi— | | | | | | | | | | | |
| Incision for abscess larynx .. .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Operation on the Ear— | | | | | | | | | | | |
| Excision of tumours of external meatus (including Exostosis) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Separation of Perichondritis and Pinna .. .. .. .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| Paracentesis (Myrringotomy) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Classical mastoid operation (Schwartze's) .. .. .. | 1 | 45 | .. | 45 | 45 | 16 | 23 | 1 | 3 | 3 | .. |
| Radical mastoid operation (Stake's). | 1 | 18 | 1 | 19 | 18 | 11 | 7 | .. | .. | 1 | .. |
| Rhino-scleroma .. .. .. | .. | 2 | .. | 2 | 2 | .. | 1 | 1 | .. | .. | .. |
| Total .. | 3 | 1,400 | 8 | 1,408 | 1,400 | 798 | 572 | 7 | 14 | 12 | 636 |
| SUMMARY OF OPERATIONS. | | | | | | | | | | | |
| Surgical .. .. .. .. .. | 65 | 1,500 | 266 | 1,766 | 1,500 | 771 | 508 | 54 | 165 | 67 | 7,580 |
| Ophthalmic .. .. .. .. | 7 | 579 | 42 | 621 | 579 | 411 | 152 | 7 | 2 | 14 | 421 |
| Gynæcological .. .. .. .. | 13 | 375 | 30 | 405 | 375 | 298 | 53 | 11 | 11 | 15 | .. |
| Aural .. .. .. .. .. | 3 | 1,400 | 8 | 1,408 | 1,400 | 798 | 572 | 7 | 14 | 12 | 636 |
| Total .. | 88 | 3,854 | 346 | 4,200 | 3,854 | 2,278 | 1,285 | 79 | 192 | 10 | 8,637 |

## APPENDIX No. 11.

4,535 Skiagrams (including 184 from the other Municipal Hospitals) were taken during the year 1937, 2,060 of these were for In-patients (1,469 men, 403 women and 188 children). 2,291 were Out-patients (1,566 men, 490 women and 235 children) including Casualty cases.

Skiagrams were taken for various clinical conditions as under :—

| Clinical Conditions. | In-Patients. | | | | | Out-Patients. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Children. | | Total. | Male | Female. | Children. | | Total. |
| | | | Male. | Female. | | | | Male | Female | |
| Fractures and Dislocations .. | 527 | 71 | 71 | 29 | 698 | 486 | 86 | 61 | 36 | 669 |
| Bone Diseases .. .. .. | 237 | 127 | 41 | 20 | 425 | 609 | 255 | 64 | 36 | 964 |
| Paranasal Sinuses .. .. | 9 | 2 | .. | .. | 11 | 205 | 66 | 9 | 11 | 291 |
| Mastoid Sinuses .. .. | 5 | 2 | .. | .. | 7 | 29 | 7 | 3 | 3 | 42 |
| Diseases of Alimentary Tract :— | | | | | | | | | | |
| (1) Oesophagus after Barium Meal .. .. | 2 | .. | .. | .. | 2 | 4 | 1 | .. | .. | 5 |
| (2) Stomach and small intestines after Barium Meal | 64 | 10 | .. | 1 | 75 | 7 | 1 | 1 | .. | 9 |
| (3) Large intestine after Barium Enema .. | 25 | 5 | .. | 1 | 31 | .. | .. | .. | .. | .. |
| Chest Diseases .. .. | 217 | 85 | 3 | 5 | 310 | 132 | 61 | 5 | 3 | 201 |
| Ortho-diagrams.. .. .. | 15 | 4 | .. | 4 | 23 | 5 | 1 | .. | .. | 6 |
| Gall Bladder Diseases including Cholecystography .. .. | 72 | 27 | .. | 1 | 100 | 1 | .. | .. | .. | 1 |
| Diseases of Urinary Tract—Kidneys, Bladder and Ureter. | 214 | 36 | 6 | 1 | 257 | 7 | .. | 1 | 1 | 9 |
| Detection and Localisation of foreign bodies .. .. | 4 | 3 | .. | .. | 7 | 8 | 6 | .. | .. | 14 |
| Determination of position, direction and extent of Chronic sinus, fistulæ, etc., after injection of opaque substance. | 40 | 5 | 1 | .. | 46 | 6 | .. | .. | 1 | 7 |
| Dental affection.. .. .. | 1 | .. | .. | .. | 1 | 60 | 6 | .. | .. | 66 |
| Salivary calculi .. .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | 7 |
| Special Tests :— | | | | | | | | | | |
| (1) Pyelography ascending . | 15 | 10 | 1 | .. | 26 | .. | .. | .. | .. | .. |
| (2) After Uroselecton .. | 22 | 10 | 2 | 1 | 35 | .. | .. | .. | .. | .. |
| (3) Hystero-Salpingography. | .. | 6 | .. | .. | 6 | .. | .. | .. | .. | .. |
| Total .. | 1,469 | 403 | 125 | 63 | 2,060 | 1,566 | 490 | 144 | 91 | 2,291 |

Screening was done on 4,850 patients; 4,315 Out-patients and 426 In-patients (including 147 from the other Municipal Hospitals) as under :—

| Clinical Conditions. | In-Patients. | | | | | Out-Patients. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Children. | | Total. | Male. | Female. | Children. | | Total. |
| | | | Male. | Female. | | | | Male. | Female. | |
| Screening of chest .. .. | 43 | 9 | .. | 1 | 53 | 2,328 | 950 | 24 | 33 | 3,335 |
| Screening of Oesophagus after Barium Meal .. .. .. | 1 | 2 | .. | .. | 3 | 60 | 12 | 1 | .. | 73 |
| Screening of stomach and Duodenum after Barium Meal | 226 | 36 | .. | .. | 262 | 35 | 3 | 1 | .. | 39 |
| Screening of large intestine after Barium Enema .. | 38 | 13 | 2 | .. | 53 | .. | .. | .. | .. | .. |
| Detecting and setting of fracture under screen .. .. .. | 38 | 5 | 8 | 1 | 52 | 503 | 121 | 98 | 38 | 760 |
| Detecting of foreign bodies .. | 1 | 1 | .. | 1 | 3 | 63 | 19 | 16 | 10 | 108 |
| Total .. | 347 | 66 | 10 | 3 | 426 | 2,989 | 1,105 | 140 | 81 | 4,315 |

Deep X-Ray therapy treatment was carried out on 297 patients during the same period as under :—

| | |
|---|---|
| T. B. Glands .. .. .. .. | 98 |
| *Carcinoma.* | |
| Lip .. .. .. .. .. | 1 |
| Cheek .. .. .. .. .. | 5 |
| Tongue .. .. .. .. .. | 25 |
| Tonsil .. .. .. .. .. | 9 |
| Larynx .. .. .. .. .. | 8 |
| Pharynx .. .. .. .. .. | 1 |
| Oesophagus .. .. .. .. | 4 |
| Lung .. .. .. .. .. | 1 |
| Epithelioma .. .. .. .. | 1 |
| Nose .. .. .. .. .. | 1 |
| Maxilla .. .. .. .. .. | 1 |
| Mouth .. .. .. .. .. | 2 |
| Perineum .. .. .. .. .. | 1 |
| Penis .. .. .. .. .. | 3 |
| Bladder .. .. .. .. .. | 1 |
| Vulva .. .. .. .. .. | 1 |
| Vagina .. .. .. .. .. | 13 |
| Cervix .. .. .. .. .. | 1 |
| Uterus .. .. .. .. .. | 1 |
| Ovary .. .. .. .. .. | 1 |
| Breast .. .. .. .. .. | 23 |
| Secondaries glands .. .. .. | 8 |
| *Skin Conditions.* | |
| Lichen Planus .. .. .. .. | 1 |
| Keloid .. .. .. .. .. | 13 |
| Hyperidrosis .. .. .. .. | 4 |
| Herpes .. .. .. .. .. | 1 |
| Rhinoscleroma .. .. .. .. | 1 |

| | |
|---|---|
| *Gynæcological Conditions.* | |
| Chronic Epithelioma .. .. .. | 1 |
| Chronic Metritis .. .. .. .. | 1 |
| Ovarian Malignancy .. .. .. | 3 |
| Fibro-myoma Uterus .. .. .. | 2 |
| Menorrhagic Leucorrhœa .. .. | 1 |
| Metropamia Hæmorrhagia .. .. | 1 |
| *Miscellaneous Conditions.* | |
| Seminoma testes .. .. .. .. | 1 |
| Fibro-sarcoma .. .. .. .. | 6 |
| Myo-sarcoma .. .. .. .. | 3 |
| Sarcoma bones .. .. .. .. | 5 |
| Lympho Sarcoma .. .. .. .. | 8 |
| Myeloma .. .. .. .. .. | 3 |
| Fibroma .. .. .. .. .. | 1 |
| Chondroma .. .. .. .. | 1 |
| Sciatica .. .. .. .. .. | 1 |
| Malignant Nodule Urethra .. .. | 1 |
| Myeloid Lukæmia .. .. .. | 1 |
| Osteo-Arthritis .. .. .. .. | 3 |
| Purpura .. .. .. .. .. | 1 |
| Wilm's Tumour .. .. .. .. | 1 |
| Goitre .. .. .. .. .. | 3 |
| Parotip Fistula .. .. .. .. | 1 |
| T. B. Cæcum .. .. .. .. | 2 |
| T. B. Hip .. .. .. .. .. | 1 |
| Compound Ganglion Palm .. .. | 2 |
| Actinomycosis .. .. .. .. | 1 |
| Breast cyst .. .. .. .. | 1 |
| Chronic Mastitis .. .. .. .. | 1 |

*Miscellaneous Conditions*—contd.

| | | | |
|---|---|---|---|
| Ewing's Tumour .. .. .. .. | 1 | 4th venereal disease .. .. .. | 3 |
| Mixed Parotid Tumour .. .. .. | 2 | 5th „ „ .. .. .. | 1 |
| | | 6th „ „ .. .. .. | 3 |

Total number of Skin cases treated by Superficial X-Ray Therapy were 124 as mentioned below :—

| | | | |
|---|---|---|---|
| Dermatitis .. .. .. .. | 11 | Hyperidrosis .. .. .. .. | 6 |
| Mycotic Dermatitis .. .. .. | 36 | Chronic Eczema .. .. .. .. | 22 |
| Neuro „ .. .. .. | 6 | Re-current vesicular Pustular Dermatitis. | 1 |
| Allergic „ .. .. .. | 3 | Pboriasis .. .. .. .. .. | 2 |
| Proffesional „ .. .. .. | 3 | Keloid .. .. .. .. .. | 6 |
| Seborrhœic „ .. .. .. | 1 | Paronychia .. .. .. .. .. | 1 |
| Septic „ .. .. .. | 1 | Tinea. capitis .. .. .. .. | 1 |
| Ringworm .. .. .. .. | 1 | Verruca Vulgaris .. .. .. .. | 2 |
| Tenia .. .. .. .. .. | 7 | Acne Vulgaris .. .. .. .. | 3 |
| Granuloma .. .. .. .. | 1 | „ Rosecca .. .. .. .. | 1 |
| Patches .. .. .. .. | 4 | Pustular lesion .. .. .. .. | 1 |
| Dyskeratosis Folliculosis .. .. | 1 | Epidermophytosis .. .. .. | 1 |
| Alopecia Tolalis .. .. .. .. | 1 | Lichen Planus .. .. .. .. | 1 |
| | | Total .. | 124 |

Ultra-violet Ray treatment was given in the following cases :—

| Clinical Conditions. | In-Patients. | | | | | Out-Patients. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Children. | | Total. | Male. | Female. | Children. | | Total. |
| | | | Male. | Female. | | | | Male. | Female. | |
| T. B. Adenitis .. .. .. | .. | 1 | 1 | .. | 2 | 117 | 103 | 19 | 9 | 248 |
| T. B. Peritonitis .. .. | 12 | 9 | .. | .. | 21 | 16 | 14 | .. | 3 | 33 |
| Sinuses and Wounds .. .. | 2 | 4 | .. | .. | 6 | 15 | 16 | 1 | 1 | 33 |
| Anæmia .. .. .. | .. | .. | .. | .. | .. | 2 | 3 | .. | .. | 5 |
| Osteo-Malacia .. .. .. | .. | 4 | .. | .. | 4 | .. | 1 | .. | .. | 1 |
| Skin condition .. .. .. | 1 | .. | 1 | .. | 2 | 13 | 5 | 2 | 3 | 23 |
| Rickets .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | 20 | 12 | 32 |
| Chronic Mastitis .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| General debility .. .. | 1 | .. | .. | .. | 1 | .. | .. | 1 | .. | 1 |
| Ankylosis .. .. .. .. | 1 | .. | 1 | .. | 2 | .. | .. | .. | .. | .. |
| Unresolved pneumonia .. .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Total .. | 18 | 18 | 3 | .. | 39 | 163 | 143 | 43 | 28 | 377 |

Long-wave Diathermy was used in the following cases:—

| Clinical Conditions. | In-Patients. | | | | | Out-Patients. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Children. | | Total. | Male. | Female. | Children. | | Total. |
| | | | Male. | Female. | | | | Male. | Female. | |
| Arthritis .. .. .. | 8 | .. | .. | .. | 8 | 64 | 32 | 1 | .. | 98 |
| Prostatitis .. .. .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | 3 |
| Dislocation .. .. .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | 3 |
| Typhoid Ostetitis .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Salpingo-Oophoritis .. .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | 12 |
| Ankylosis .. .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Synovitis .. .. .. | 2 | .. | .. | .. | 2 | 5 | .. | .. | .. | 5 |
| Total .. | 10 | .. | .. | .. | 10 | 75 | 46 | 1 | .. | 123 |

Short-wave diathermy was used in the following cases:—

| Clinical conditions. | In-Patients. | | | | | Out-Patients. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Children. | | Total. | Male. | Female. | Children. | | Total. |
| | | | Male. | Female. | | | | Male. | Female. | |
| Osteo-Arthritis .. .. .. | .. | .. | .. | .. | .. | 3 | 3 | .. | .. | 6 |
| Mastoiditis .. .. .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 2 |
| Synovitis .. .. .. .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| Pleurisy .. .. .. .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Fractures .. .. .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 2 |
| Sinuses .. .. .. .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 2 |
| Furpuncles .. .. .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 2 |
| Pain .. .. .. .. | 1 | .. | .. | .. | 1 | 9 | 3 | .. | .. | 12 |
| Total .. | 2 | .. | .. | .. | 2 | 16 | 10 | 1 | .. | 27 |

*Faradisation* was done on 23 cases, 16 males, 6 females and 1 male child.

*Reaction of degeneration* was done in 28 cases ; 18 males, 7 females, 1 male child and female-children.

*Dissection by Diathermy* was done in 3 cases ; 2 males and 1 female child.

*Infra Red Rays* was done on 6 cases ; 5 males and 1 female.

*Electro-coagulation* was done in 2 male cases only.

## APPENDIX No. 12.

*Report of the Skin and Venereal Department for the year* 1937.

| Syphilis. | | | | | Gonorrhoea. | | | Other Venereal Diseases. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Syphilis Primary. | Syphilis Secondary. | Syphilis Tertiary. | Syphilis Congenital. | Total No. of cases of Syphilis. | Acute Gonorrhoea. | Gonorrhoea with complications, Arthritis, Epididimorchitis, Stricture, Prostatitis. | Total No. of Gonorrhoea cases. | Cases of chanroids, Poradenitis, Inguinatis, Granuloma Pudendi, Phagedena. | Total No. of all Venereal cases. | Leprosy. | Other Skin Diseases. | Grand total of Venereal, Leprosy and Skin cases. | No. of males suffering from Venereal diseases. | No. of females suffering from Venereal Diseases. |
| OUT-DOOR PATIENTS. | | | | | | | | | | | | | | |
| 992 | 1,482 | 72 | 13 | 2,559 | 1,064 | 764 | 1,828 | 539 | 4,926 | 284 | 8,996 | 14,206 | 4,662 | 264 |
| IN-DOOR PATIENTS. | | | | | | | | | | | | | | |
| 17 | 77 | 4 | .. | 98 | 10 | 59 | 69 | 38 | 205 | 1 | 107 | 313 | 199 | 6 |

The above figures indicate the total number of persons seeking treatment in the Skin and Venereal department direct. They do not include those patients transferred from the other departments of the Hospitals to avoid duplication of the figures. For the same reason the figures indicating the total attendances in the department have not been shown.

Since 1934, a more intensive course of treatment has been introduced for the early reactionery syphilis which shortens the period of treatment and makes the patients attend regularly for treatment.

## APPENDIX No. 13.

*Clinical Laboratory Report.*

16,801 Laboratory investigations were carried out during the year 1937 in the Central Clinical Laboratory (as apart from the Ward Laboratories) on the material sent from the Hospital, divided under four main heads, as against 14,509 investigations in the preceding year :—

I. Pathological, II. Bacteriological, III. Biological, IV. Biochemical, as under :—

I.—Pathological :—

| | 1937. | 1936. |
|---|---|---|
| Blood counts | 521 | 573 |
| Platelet counts | 7 | 3 |
| Reticulocytes | 15 | 2 |
| Urine examinations | 700 | 577 |
| Stool examinations | 1,007 | 1,042 |
| Spinal fluid examinations | 293 | 324 |
| Pleural ,, ,, | 41 | 68 |
| Ascitic ,, ,, | 51 | 55 |
| Sputum examinations | 483 | 457 |
| Colour index | .. | 352 |
| Volume index | 15 | 54 |
| Coagulation time of blood | 16 | 14 |
| Matching the blood for transfusion | 124 | 108 |
| Grouping of blood | 76 | 64 |
| Sedimentation test | 13 | 3 |
| Examination of material for micro-filaria | 3 | 2 |
| Malarial parasites | 10 | .. |
| Joint fluid examination | 2 | .. |
| Liver puncture fluid examinations | 4 | .. |
| Blister fluid examinations | 6 | .. |
| Hydrocele fluid | .. | .. |
| Cervical swabs | .. | .. |
| Exudate from vesicle | .. | .. |
| Lymph glands | .. | .. |
| Bleeding time | 16 | .. |
| Fragility of red blood cells | 4 | .. |
| Examination of material for Leishmania | .. | 1 |
| Histological examinations | 626 | 403 |
| Total | 4,033 | 4,102 |

II.—Bacteriological :—

| | | |
|---|---|---|
| Blood culture | 508 | 238 |
| Widal reaction | 615 | 443 |
| Wassermann reaction | 449 | 225 |
| Kahn's test | 8,451 | 6,915 |
| Stool culture | 227 | 222 |
| Urine culture | 375 | 337 |
| Spinal fluid culture | 85 | 187 |
| Pleural fluid culture | 95 | 64 |
| Ascitic fluid culture | 35 | 30 |
| Lung puncture fluid culture | 10 | .. |
| Sputum culture | 20 | 22 |
| Auto-vaccine | 75 | 41 |
| Pus culture | 105 | 80 |
| Throat swab and smear culture | 126 | 59 |
| Nasal swab | 90 | 40 |
| Aspirated fluid culture | 23 | 20 |
| Bacillus Diphtheria | .. | 18 |
| Bile fluid culture | 6 | 10 |
| Preparation of Frei's antigen | 6 | 6 |
| Sinus Washings | 20 | .. |
| Filtrate from warts | 8 | .. |
| Total | 11,329 | 8,957 |

| | 1937. | 1936. |
|---|---|---|
| III.—Biochemical :— | | |
| Achheim Zondek Test .. .. .. | 4 | 4 |
| IV.—Bio-chemical :— | | |
| 1. Blood :— | | |
| Non-protein nitrogen .. .. .. | 147 | 192 |
| Urea nitrogen .. .. .. .. | 131 | 187 |
| Glucose .. .. .. .. .. | 27 | 14 |
| Chloride .. .. .. .. .. | 8 | 10 |
| Calcium .. .. .. .. .. | 24 | 28 |
| Cholestrol .. .. .. .. .. | 62 | 83 |
| Creatinine .. .. .. .. .. | 23 | 48 |
| Uric Acid .. .. .. .. .. | 4 | 8 |
| Blood Ieterus Index .. .. .. | 70 | 14 |
| Inorganic Phosphorus .. .. .. | 4 | .. |
| Plasma Phosphate .. .. .. | .. | 9 |
| Blood sugar curve .. .. .. .. | 47 | 28 |
| Van den Bergh reaction .. .. .. | 84 | 81 |
| Laevulose Tolerance .. .. .. | 13 | 15 |
| Congo-red reaction .. .. .. .. | .. | 1 |
| Aldehyde test.. .. .. .. .. | 2 | 1 |
| 2. Urine :— | | |
| Urinary diastatic Index .. . .. | 8 | .. |
| Sugar .. .. .. .. .. .. | .. | 4 |
| Phosphate .. .. .. .. .. | .. | 1 |
| Urea clearance test .. .. .. .. | 18 | 9 |
| Urea concentration, test .. .. .. | 34 | 84 |
| Uric acid .. .. .. .. .. | .. | 1 |
| Calcium .. .. .. .. .. | 1 | 5 |
| Albumin-estimation .. .. .. | .. | 2 |
| Urine Sugar curve .. .. .. .. | .. | 4 |
| Creatine .. .. .. .. .. | 1 | .. |
| Excretion of Hæmatoporphyrin in cases of Pallagra .. .. .. . | 7 | .. |
| 3. C. S. fluid :— | | |
| Sugar .. .. .. .. .. .. | 3 | 2 |
| Chloride .. .. .. .. .. | 8 | 3 |
| Urea Nitrogen .. .. .. .. | .. | 1 |
| Fractional test meals .. .. .. .. | 690 | 592 |
| Stools for fat estimation .. .. .. | 4 | 2 |
| Milk Analysis .. .. .. .. .. | 10 | 17 |
| Bile analysis :— | | |
| Lyon's test .. .. .. .. .. | 1 | .. |
| Total .. | 1,435 | 1,446 |
| Grand Total .. | 16,801 | 14,505 |

403 autopsies were performed during the year 1937. In a majority of cases the autopsies were performed on claimed bodies with the consent of relatives. In case of every post-mortem, a record of findings in each organ is kept. The total number of 403 post-mortems include the following autopsies held on dead bodies received from other institutions specified below :—

| | |
|---|---|
| Acworth Leper Home .. .. .. .. .. .. | 22 |
| Victoria Gardens (Animals) .. .. .. .. .. .. | 8 |
| Total .. | 30 |

The following is the number of blocks prepared, cut and sections stained out of the post-mortem organs and the tissues received after surgical operations from 1st January 1937 to 31st December 1937 :—

| Blocks of Post-mortem Organs. | Blocks of tissues received from the surgical side of the K. E. M. Hospital. | Tissues received from enquiries under the I.R.F. Association and from outside. | Total. |
|---|---|---|---|
| 2,575 | 626 | 778 | 3,979 |

## APPENDIX No. 14.

*Electro-Cardiograph Department.*

111 patients were examined electro-cardiographically, out of whom 82 were males and 29 females.

APPENDIX No. 15.

*K. E. M. Hospital, Parel, Bombay.*

**Poor Box Charity Fund—Statement of Accounts for the year 1937-38.**

Receipts.

| Particulars. | Amount. Rs. a. p. |
|---|---|
| Balance in hand | 1,524 13 8 |
| Balance with the Central Bank of India Ltd. | 118 11 3 |
| Out-patients' Casualty Department | 42 2 9 |
| ,, Medical Department | 24 8 6 |
| ,, Minor Surgery Department | 23 11 6 |
| ,, Surgical Dressing Department | 24 8 6 |
| ,, Skin and Venereal Department | 19 4 6 |
| ,, X-Ray Department | 169 5 3 |
| ,, Aural Department | 25 3 9 |
| ,, Dental Department | 17 15 6 |
| ,, Gynæcological Department | 94 14 10 |
| ,, Electro Therapy Department | 308 1 0 |
| Ward No. I | 62 8 9 |
| ,, II | 132 1 9 |
| ,, III | 139 14 3 |
| ,, IV | 421 2 9 |
| ,, V | 272 4 0 |
| ,, VI | |

Disbursements.

| Particulars. | Amount. Rs. a. p. |
|---|---|
| Appliances such as crutches, hernia belts, spectacles, artificial limbs, etc. | 1,433 9 0 |
| Blood transfusion charges | 1,822 6 9 |
| Travelling expenses paid to poor patients | 108 9 3 |
| Expenses incurred in giving comforts to patients | 225 9 6 |
| Supply of costly medicines to the poor patients of this hospital | 5,755 5 9 |
| Repairs to appliances | 22 4 |
| Sundries | 45 7 3 |
| Purchasing security bonds, etc. | 3,317 14 8 |
| Printing and stationery | |
| Applying leeches | 29 12 0 |
| Spectacles to patients | 118 6 0 |
| Clothing to the poor patients | 48 0 0 |
| Cash in hand | 2,927 2 1 |
| Balance with the Central Bank of India | 142 6 9 |
| X'Ray Materials | 8 1 0 |

* The Poor Box Charity Fund holds in suspense the balances as shown below in respect of the following accounts :—

| | Rs. a. p. |
|---|---|
| 1. Resident Medical Officers' Mess Deposit Account | 629 8 0 |
| 2. Splint Deposits | 28 0 0 |

| Receipts. | | Disbursements. | |
|---|---|---|---|
| Particulars. | Amount. | Particulars. | Amount. |
| | Rs. a. p. | | Rs. a. p. |
| Ward No. VII .. .. .. .. .. .. .. .. .. | 253 11 9 | * The Poor Box Charity Fund holds in suspense the balances as shown below in respect of the following accounts—*contd.* | |
| „ VIII .. .. .. .. .. .. .. .. .. | 335 5 6 | | Rs, a. p. |
| „ IX, X, XI .. .. .. .. .. .. .. .. | 711 5 6 | 3. Patients' money .. .. .. .. .. .. | 320 2 6 |
| „ XII, XIII .. .. .. .. .. .. .. .. | 365 7 9 | 4. Miscellaneous deposits .. .. .. .. | 1,075 13 9 |
| „ XIV, XV .. .. .. .. .. .. .. .. | 165 9 9 | Total Rs. | 2,053 8 3 |
| „ XVI .. .. .. .. .. .. .. .. .. | 20 14 0 | | |
| „ XVII, XVIII .. .. .. .. .. .. .. .. | 144 10 0 | | |
| Other collections .. .. .. .. .. .. .. .. .. | 4,338 15 6 | * These figures are subject to scrutiny on account of defalcation noticed after the close of the year. | |
| Collections on account of issue of medical certificates .. .. .. .. | 896 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 5,174 9 0 | | |
| Part cost of spectacles .. .. .. .. .. .. .. .. | 8 8 0 | | |
| Sale of Pharmacopoeia, 2nd edition .. .. .. .. .. .. | 459 0 0 | | |
| Excess of Receipts over payments in respect of Deposit Account .. .. | 8 5 3 | | |
| Total .. | 16,303 10 6 | Total .. | 16,303 10 6 |

The Funds of the King Edward Memorial Hospital Poor Box Charity Fund are invested in Securities as under. These Securities are held in safe custody in the Central Bank of India Ltd. as certified by the Bank as at close of business on the 30th June 1938:—

| | Rs. | | Rs. |
|---|---|---|---|
| 3 per cent (1951-54) Loans of the face value of .. .. | 6,000 | 4 per cent (1968) Bombay Port Trust Bonds .. .. .. | 3,000 |
| 4 per cent (1960-70) Loans do .. .. | 20,000 | 5 per cent (1959) Bombay Municipal Debentures .. .. .. | 18,000 |
| 3½ per cent (1842 43) G. P. Notes of the face value of .. .. | 11,000 | 6 per cent (1950-60) „ „ .. .. .. .. | 12,000 |
| 3½ per cent (1865) „ „ .. | 9,000 | 4 per cent (1961) Bombay Municipal Debentures (original Bombay Improvement Debentures) .. .. .. .. | 500 |
| 3½ per cent (1879) „ „ .. | 1,000 | 4 per cent (1962) Bombay Municipal Debentures (original Bombay Improvement Debentures) .. .. .. .. | 1,000 |
| 3½ per cent (1900-01) „ „ .. | 10,000 | 4 per cent (1965) Bombay Municipal Debentures (original Bombay Improvement Debentures) .. .. .. .. | 1,500 |
| 3½ per cent (1854-55) „ „ .. | 9,000 | 4 per cent (1968) Bombay Municipal Debentures (original Bombay Improvement Debenture) .. .. .. .. | 500 |
| 4 per cent (1972) Bombay Improvement Trust Bonds .. | 10,000 | 4 per cent (1967) Bombay Municipal Debentures (original Bombay Improvement Debenture) .. .. .. .. | 6,500 |
| 4 per cent (1965) „ „ .. | 1,000 | | 1,24,000 |
| 4 per cent (1973) „ „ .. | 1,000 | | |
| 4 per cent (1962) „ „ .. | 1,500 | | |
| 4 per cent (1974) „ „ .. | 500 | | |
| 4 per cent (1970) Bombay Port Trust Bonds .. .. | 500 | | |
| 4 per cent (1974) „ „ .. .. | 500 | | |

# EDUCATIONAL.

## THE SCHOOLS COMMITTEE

OF THE

## BOMBAY MUNICIPALITY.

ADMINISTRATION REPORT FOR THE YEAR 1937-1938.

The Committee's personnel.

1. The Schools Committee for the year 1936-37 consisted of the following Members :—

*Councillor Members.*

1. Mr. M. N. Talpade, B.A., LL.B., *Chairman.*
2. Mr. Abdul Latif Curtay, J.P.
3. Mr. Abdul Razak Abdulla, J.P.
4. Mr. D. S. Babrekar, B.A., LL.B.
5. Mr. I. S. Patel, L.A.A., D.COM.
6. Mrs. Khadija Shuffi Tyabji, J.P.
7. Dr. Khurshed J. J. Cursetji, B.A., M.B.B.S., B. HY., M.R.C.P. (Eng.), L.R.C.P. (Lond.).
8. Mr. M. M. Killedar, J.P.
9. Dr. P. G. Solanki, L.M. & S., M.L.C., J.P.
10. Mr. R. A. Gole.
11. Rao Bahadur R. S. Asavale, M.L.C., J.P.
12. Rao Bahadur S. K. Bole, M.L.C., J.P.

*Non-Councillor Members.*

13. Mrs. Lilavati V. S. Velinkar, M.A.
14. Mr. M. V. Donde, B.A.
15. Miss Shantabai Daundkar, B.A., J.P.
16. Mr. V. C. Setalvad, B.A., LL.B.

Under Section 39 of the Municipal Act, eight of these members retired from 1st April 1937 and their places were filled up by the Municipal Corporation from the same date ; out of the eight members who retired, six were reappointed. The new Committee thus formed for the year 1937-38 was composed of the following Members :-

*Councillor Members.*

1. Mr. Abdul Latif Curtay, J.P.
2. Mr. Abdul Rahman Mahomed Yusuf, J.P.
3. Mr. Abdul Razak Abdulla, J.P.
4. Mr. D. S. Babrekar, B.A., LL.B.
5. Mr. I. S. Patel, L.A.A., D.COM.
6. Mrs. Khadija Shuffi Tyabji, J.P.
7. Mr. M. M. Killedar, M.L.A., J.P.
8. Mr. M. A. Karanjawala, M.A., LL.B., J.P.
9. Dr. P. G. Solanki, L.M. & S., M.L.C., J.P.

10. Mr. R. A. Gole.

11. Rao Bahadur R. S. Asavale, J.P.

12. Rao Bahadur S. K Bole, J.P.

*Non-Councillor Members.*

13. Mrs. Lilavati V. S. Velinkar, M.A.

14. Mr. M. V. Donde, B.A.

15. Miss Shantabai Daundkar, B.A., J.P.

16. Mr. V. C. Setalvad, B.A., LL.B.

This Committee, at their first meeting held on the 7th April 1937 elected Mr. M. M. Killedar, M.L.A., J.P., to be their Chairman for the Official Year 1937-38. There was no change in the Committee's personnel during the year. Mr. R. V. Parulekar, M.A., M.Ed., J.P. continued to be the Secretary of the Committee during the year except for the period from 1st March 1938 to 31st March 1938, when he was on leave, and Mr. N. G. Limaye, B.A., L.T., officiated for him.

Meetings.

2. The Committee held in all 58 meetings during the year. The number of Meetings of the several Sub-Committees, held during the year, was 60.

Municipal Schools and pupils.

3. The year under report witnessed an increase in the number of pupils from 74,451 to 82,988, *i.e.*, of 8,537. The detailed figures for the year under report and for the previous year, are given in the following statement :—

| Class of Schools. | No. on 31st March 1937. | | No. on 31st March 1938. | |
|---|---|---|---|---|
| | Schools. | Pupils. | Schools. | Pupils. |
| Marathi Boys' Schools .. | 93+8 Classes. | 31,020 | 93+9 Classes. | 34,817 |
| ,, Girls' ,, .. | 55+2 ,, | 14,664 | 57+2 ,, | 17,088 |
| ,, Night ,, .. | 3 | 111 | 3 | 97 |
| Total Marathi ,, .. | 151+10 ,, | 45,795 | 153+11 ,, | 52,002 |
| Gujarati Boys' Schools .. | 43+3 Classes. | 7,915 | 43+5 Classes. | 8,637 |
| ,, Girls' ,, .. | 25+5 ,, | 5,137 | 25+5 ,, | 5,248 |
| Total Gujarati ,, .. | 68+8 ,, | 13,052 | 68+10 ,, | 13,885 |
| Urdu Boys' Schools .. | 50+20 ,, | 8,496 | 51+19 ,, | 8,630 |
| ,, Girls' ,, .. | 38 | 5,236 | 39 | 5,138 |
| ,, Night ,, .. | 2 | 71 | 2 | 74 |
| Total Urdu ,, .. | 90+20 ,, | 13,803 | 92+19 ,, | 13,842 |
| Tamil, Telagu, Malayalam, etc., Schools .. .. | 6+4 Classes. | 865 | 9+1 Class. | 992 |
| Hindi Schools .. .. | 6 | 936 | 15 | 2,267 |
| Total Municipal Schools .. | 321+42 Classes. | 74,451 | 337+41 Classes. | 82,988 |

Teachers in Municipal Schools.

4. The total number of teachers-permanent—and non-permanent—on 31st March 1938, was as under :—

| | |
|---|---|
| Ordinary permanent teachers .. .. | 1,929 |
| „ Non-permanent teachers— | |
| Full-time .. .. .. | 347* |
| Part-time .. .. | 5 |
| Special teachers .. .. .. | 134 |
| Total .. | 2,415 |

Aided Schools and Pupils.

5. The number of pupils in Aided Schools rose from 21,719 to 24,456 during the year under report. The number of Aided Schools and the number of pupils in them will be seen from the statement given below :—

| Class of Schools. | On 31st March 1937. | | | | On 31st March 1938. | | | |
|---|---|---|---|---|---|---|---|---|
| | No. of Schools. | Boys. | Girls. | Total. | No. of Schools. | Boys. | Girls. | Total. |
| Marathi Boys' Schools .. | 32 | 2,898 | 1,325 | 4,223 | 32 | 3,301 | 1,527 | 4,828 |
| „ Girls' „ .. | 3 | 72 | 374 | 446 | 3 | 74 | 327 | 401 |
| „ Night „ .. | 4 | 122 | .. | 122 | 4 | 193 | .. | 193 |
| Total .. | 39 | 3,092 | 1,699 | 4,791 | 39 | 3,568 | 1,854 | 5,422 |
| Gujarati Boys' Schools .. | 41 | 5,467 | 845 | 6,312 | 46 | 6,180 | 1,155 | 7,335 |
| „ Girls' „ .. | 21 | 446 | 3,803 | 4,249 | 21 | 487 | 3,717 | 4,204 |
| „ Night „ .. | 3 | 145 | .. | 145 | 3 | 144 | .. | 144 |
| Total .. | 65 | 6,058 | 4,648 | 10,790 | 70 | 6,811 | 4,882 | 11,683 |
| Urdu Boys' Schools .. | 15 | 21 | 513 | 2,630 | 17 | 2,310 | 632 | 2,942 |
| „ Girls' „ .. | 3 | .. | 524 | 524 | 4 | .. | 819 | 819 |
| „ Night „ .. | 4 | 282 | .. | 282 | 3 | 259 | .. | 259 |
| Total .. | 22 | 2,399 | 1,037 | 3,436 | 24 | 2,569 | 1,451 | 4,020 |
| Hindi Boys' Schools .. | 2 | 459 | 14 | 473 | 2 | 532 | 20 | 552 |
| „ Girls' „ .. | 1 | .. | 151 | 151 | 1 | .. | 181 | 181 |
| „ Night „ .. | 1 | 40 | .. | 40 | .. | .. | .. | .. |
| Total .. | 4 | 499 | 165 | 664 | 3 | 532 | 201 | 733 |
| Sindhi Schools .. .. | 1 | 40 | 22 | 62 | 1 | 53 | 29 | 82 |
| Tamil „ .. .. | 2 | 190 | 151 | 341 | 2 | 251 | 173 | 424 |
| Bengali „ .. .. | 1 | 37 | 40 | 77 | 2 | 49 | 57 | 106 |
| English „ .. .. | 3 | 557 | 546 | 1,103 | 4 | 670 | 663 | 1,333 |
| Kanarese Night Schools .. | 3 | 528 | 11 | 539 | 3 | 641 | 12 | 653 |
| Total Miscellaneous .. | 10 | 1,352 | 770 | 2,122 | 12 | 1,664 | 934 | 2,598 |
| Grand Total .. | 140 | 13,400 | 8,319 | 21,719 | 148 | 15,144 | 9,312 | 24,456 |

Teachers in Aided Schools.

6. The total number of teachers in Aided Schools was 1,150 as against 1,084 of the previous year; but of these 1,150 teachers, 872 were full-time teachers and the remaining 278 were part-time teachers. The percentage of trained teachers to the total number of teachers was about 30.

Amount of Grants paid during the year.

7. The total net amount of grants paid during the year came to Rs. 1,58,660 as against Rs. 1,62,104 of the previous year. The grants for the year were fixed after application of an approximate cut of 15 per cent. on account of financial stringency.

* Out of these, 89 teachers were maintained as a separate staff for working in leave vacancies.

8. The total expenditure incurred by the Aided Schools, as shown by them, amounted to Rs. 8,64,325. Their average number of pupils on rolls for the year being 24,173, the cost per pupil works out to Rs. 35.8 as against Rs. 36.8 of the previous year.

Total expenditure and cost per pupil in Aided Schools.

Vernacular IV Standard Examination Results.

9. The results of the Vernacular IV Standard Examination held in March 1937, were as follows :—

| | Pupils appeared. | Pupils passed. | Percentage of passes. |
|---|---|---|---|
| Municipal Schools.. .. .. | 7,893 | 7,458 | 94.5 |
| Aided Schools and other recognised and unrecognised schools .. .. .. .. | 2,494 | 2,362 | 94.5 |

Free and Compulsory Education.

10. As usual, a census of non-attending children in the area under Compulsory Education, *viz.*, the F and G Wards, was carried out in the months of September and October 1937 and the registers of non-attending children were printed and published in the month of November 1937, according to the requirements of the Rules prescribed by Government under the City of Bombay Primary Education Act of 1920. The Census revealed that the number of non-attending children of Compulsory age was 6,991. This number was gradually reduced to 3,557 by the end of the official year, *i.e.*, on 31st March 1938. The details of the number of pupils attending Municipal and Aided Schools in the area under compulsion and the pupils of compulsory age not attending any schools as on 31st March 1938, were as shown below :—

| | Pupils attending. | | | | Pupils not attending. |
|---|---|---|---|---|---|
| | Underage. | Compulsory age. | Overage. | Total. | |
| Municipal Schools.. .. | 2,482 | 22,717 | 7,934 | 33,133 | |
| Aded Schools .. .. | 494 | 2,371 | 580 | 3,445 | 3,557 |
| Total .. | 2,976 | 25,088 | 8,514 | 36,578 | 3,557 |

Medical Inspection of Schools.

11. Medical Inspection of Municipal School children with a view to detecting diseases and defects was carried on as usual and 13,866 pupils—9,533 boys and 4,333 girls—from 75 schools were examined during the year. It was found out that nearly 48 per cent. of the boys and 51 per cent. of the girls were suffering from some disease or another. The children who were found suffering from some disease or defect, were advised to take private treatment or to resort to treatment at the Municipal dispensaries. The Medical Inspection Staff also carried out other work connected with School hygiene, *viz.*, giving lectures on sanitation, inspection of school premises, etc.

Clinical Work.

12. The Schools Committee, with a view to giving the benefit of actual medical treatment to pupils, especially the poorer ones, have been maintaining a fully equipped Clinic at the K.E.M. Hospital. Pupils willing to undergo treatment at the Clinic are conveyed to and from the Clinic in buses maintained for the purpose and are given careful treatment at the Hospital. The number of cases so treated during the year under report was as follows :—

| Department. | New Cases. | Old Cases. | Total. |
|---|---|---|---|
| Medical and Surgical .. .. .. .. | 646 | 2,874 | 3,520 |
| Aural .. .. .. .. .. .. | 451 | 690 | 1,141 |
| Ophthalmic .. .. .. .. .. | 255 | 1,161 | 1,416 |
| Dental .. .. .. .. .. | 267 | 435 | 702 |
| Skin .. .. .. .. .. .. | 332 | 1,139 | 1,471 |
| Total .. | 1,951 | 6,299 | 8,250 |

Income and Expenditure.

13. The year under report, opened with a balance of Rs. 27,416-10-10. The budgetted opening balance for the year being Rs. 20,000 only, the excess of Rs. 7,416-10-10 was refunded to the Corporation, according to Corporation Resolution No. 7666 of 28th November 1929. The total amount at the disposal of the Schools Committee during the year was Rs. 34,46,254-14-6 as follows :—

| Opening Balance. | Municipal Grant. | Other Miscellaneous Receipts. | Total. |
|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 20,000 0 0 | 33,91,152 10 10 | 35,102 3 8 | 34,46,254 14 6 |

The total expenditure incurred during the year was Rs. 34,07,395-6-3 and the closing Balance was Rs. 38,859-8-3.

Expenditure on the Head Office.

14. The expenditure on the Schools Committee's Head Office, which is paid out of the General Municipal Fund was Rs. 65,804 for the year. The staff of this office consists mainly of the Secretarial, Accounts, Records and Correspondence branches of the department.

Government grant on the cost of Primary Education.

15. The grant paid by Government to the Municipality for Primary Education during the year amounted to Rs. 8,06,570.

Average cost per pupil.

16. The average cost per pupil in Municipal Schools, calculated on the number of pupils on rolls on the last day of the year was Rs. 38.9. The figure for the previous year was Rs. 41.9. Calculated on the average number of children on rolls, the figure works out to Rs. 40.7 as against Rs. 41.6 of the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report will be Rs. 39.6 and Rs. 41.6 respectively.

Audit of the Accounts.

17. Mr. Thakoredas J. Parekh and Khansaheb Abdul Aziz continued to be the Auditors during the year. All their suggestions were duly attended to.

The Boy Scouts.

18. Prof. V. G. Rao, B.A., LL.B. (Cantab.), Bar-at-Law, O.A., J.P., continued to hold the office of the District Commissioner of Municipal Boy Scouts during the year under report. Mr. V. C. Setalvad, B.A., LL.B., Asstt. Commissioner tendered resignation of his post during the year. Mr. M. V. Donde, B.A., continued as Assistant Commissioner. The number of Troops and Packs at the end of the year was 158 and that of Scouts and Cubs was 3,835. The several Scout activities including the special Welfare Centre at Taikalwady, were continued as usual. The monthly grant of Rs. 75 sanctioned by the Standing Committee for the Taikalwady Centre which is meant mainly for Municipal Harijan Workers, was continued during the year under report.

The Girl Guides.

19. Mrs. Khadija Shuffi Tyabji, J.P., continued to hold the office of the Commissioner of the Municipal Girl Guides, throughout the year. The total number of Guides and Blue Birds at the end of the year was 1,994 of which 640 were Guides and the rest Blue Birds. The number of Guide Companies was 26 and that of Blue Bird Flocks was 71.

Teaching of Handicrafts.

20. The central Schools, *i.e.*, the Schools in which provision has been made for the teaching of vocational subjects, had a large number of pupils studying in them throughout the year, as follows :—

| | |
|---|---|
| Carpentry and Paper Sloyd, etc. .. .. .. | 762 |
| Tailoring .. .. .. .. .. .. | 21 |
| Sign-board Painting .. .. .. .. .. | 14 |
| Clock-repairing .. .. .. .. .. | 10 |
| Printing and Binding .. .. .. .. .. | 70 |
| Weaving .. .. .. .. .. .. | 245 |
| Total .. | 1,122 |

The total number of girls attending the Handwork classes in Central Schools was 250. 139 boys from the Central Schools appeared for the Government I, II and III Year Carpentry Examinations and 76 of them passed, giving a 55 per cent. result on the whole. The Handicraft Exhibition for the year was held towards the end of January 1938 and brought in an amount of Rs. 1,080 by way of sale proceeds.

21. Annual Sports for the year were held in the month of January 1938, and were quite a success. The Prize Distribution Ceremony of the Sports was held at the Gilder Tank Compound on the 5th February 1938, under the presidentship of Dr. M. B. Rahman, M.A., Ph.D., Principal, Ismaili College, Andheri.

The Annual Sports.

22. The number of ladies studying in the classes of the R. C. Training Institute during the year was as follows :—

The R. C. Training Institute.

| | |
|---|---|
| Junior I Year Class .. .. .. .. .. | 9 |
| Senior I Year Class .. .. .. .. .. | 14 |

23. The several minor activities were continued as usual during the year under report. The Local Committees, one for each Ward, appointed by the Schools Committee carried on their usual round of visits to schools and sent in their suggestions on several points for the Schools Committee's consideration. The Schools Committee's Employees' Co-operative Credit Bank, continued its business on an increased scale and is making steady progress.

Miscellaneous.

24. In conclusion, the Schools Committee place on record their appreciation of the services rendered by the staff of officers, clerks, teachers and menials, during the year under report. The Schools Committee feel great regret in having to refer to the sad death, in December 1937, of Mr. S. M. Palekar, B.Ag., G.D.A., R.A., their Superintendent of Accounts, who had put in nearly twelve years of service in their department and was an able and consciencious officer.

Appreciation of the work done by the staff.

R. V. PARULEKAR,
*Secretary, Schools Committee.*

BOMBAY, 15*th September* 1938.

# APPENDIX A.

*Statement of Income and Expenditure of the School Fund for the year* 1937-1938.

| Receipts. | Rs. a. p. | Rs. a. p. |
|---|---|---|
| 1. Balance on 1st April 1937 .. .. .. .. .. | 27,416 10 10 | |
| *Less*—Amount sent to Municipal Commissioner as per Corporation Resolution No. 7666 of 28th November 1929 .. .. .. .. .. | 7,416 10 10 | 20,000 0 0 |
| 2. Fees from Municipal Schools .. .. .. .. | | 25,464 8 0 |
| 3. Contribution from Municipal General Fund .. .. | | 33,91,152 10 10 |
| 4. Interest on Trust and Endowment Funds and Deposits. | | 6,478 10 0 |
| 5. Miscellaneous Receipts .. .. .. .. .. | | 3,132 7 8 |
| 6. Pension Fund Subscription from the employees .. .. | | 26 10 0 |
| Total .. | | 34,46,254 14 6 |

| Expenditure. | Rs. a. p. | Rs. a. p. |
|---|---|---|
| *A.—Schools.* | | |
| 1. Headmasters and Teachers .. .. .. .. | | 21,32,451 10 0 |
| 2. Servants .. .. .. .. .. .. | | 1,33,463 5 0 |
| 3. Rent of School premises .. .. .. .. .. | | 4,75,009 5 0 |
| 4. Class Books .. .. .. .. .. .. .. | | 798 9 6 |
| 5. Furniture for Schools .. .. .. .. .. | | 4,848 8 0 |
| 6. Prizes .. .. .. .. .. .. .. | | ..... |
| 7. Contingencies and Miscellaneous .. .. .. .. | | 90,631 4 9 |
| 8. Stipends to teachers under training .. .. .. | | 5,336 8 0 |
| 9. Superintendents and their Establishments .. .. | | 86,657 8 0 |
| 10. A.—Grant-in-Aid to Primary Schools .. .. .. | 1,58,660 0 0 | |
| B.—Grant-in-Aid to B.C.L.A. .. .. .. .. | 5,000 0 0 | |
| | | 1,63,660 0 0 |
| 11. Teachers' Library .. .. .. .. .. .. | | 1,948 12 11 |
| 12. Medical Inspection and Clinical Treatment .. .. | | 39,724 7 6 |
| 13. Superintendent, Aided Schools .. .. .. .. | | 9,343 13 6 |
| 14. Census Establishment .. .. .. .. .. | | 20,700 8 0 |
| 15. Reading Rooms and Libraries .. .. .. .. | | 9,849 12 1 |
| 16. Pension, Gratuity, etc. .. .. .. .. .. | | 84,735 6 0 |
| 17. Municipal Contribution towards Provident Fund .. | | 1,37,338 4 0 |
| *B.—Buildings.* | | |
| 1. Repairs to Municipal School Buildings .. .. .. | | 10,897 12 0 |
| Balance on 31st March 1938 .. .. .. .. | | 38,859 8 3 |
| Total .. | | 34,46,254 14 6 |

R. V. PARULEKAR,
*Secretary, Schools Committee.*

# APPENDIX B.

*Balance Sheet of the School Fund for the year* 1937-1938.

| ASSETS. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|
| Imperial Bank of India Government, etc., Paper Deposit Account— | | | |
| 1. Trust Fund Investment Securities :— | | | |
| 3½ per cent. Government Loan (1842-43) .. .. .. | 37,300 0 0 | | |
| 3½ per cent. Government Loan (1954-55) .. .. | 9,100 0 0 | | |
| 3½ per cent. Government Loan (1900-01) .. .. | 15,200 0 0 | | |
| 3½ per cent. Government Loan (1865) .. .. .. | 1,100 0 0 | | |
| 3½ per cent. Government Loan (1879) .. .. .. | 1,000 0 0 | | |
| | | 63,700 0 0 | 63,700 0 0 |
| 5 per cent. Tax Free Loan (1945-55) .. .. .. | | 22,300 0 0 | 22,300 0 0 |
| 4½ per cent. Loan (1955-60) .. .. .. .. | | 12,600 0 0 | 12,600 0 0 |
| 4 per cent. Bombay Municipal Loan (1943-63-65) .. | | 3,500 0 0 | 3,500 0 0 |
| 4 per cent. Bombay Municipal Loan 70 Lacs (1974) .. | | 29,000 0 0 | 29,000 0 0 |
| 6 per cent. Bombay Municipal Loan 160 Lacs (1954) .. | | 35,000 0 0 | 35,000 0 0 |
| 6 per cent. Bombay Municipal Loan 40 Lacs 1930 (1950-60) .. .. .. .. .. .. .. | | 500 0 0 | 500 0 0 |
| 4 per cent. Port Trust Bonds .. .. .. .. | | 24,500 0 0 | 24,500 0 0 |
| 1 Share of Ahmedabad Commercial Mills Co., Ltd. .. | | 1,000 0 0 | 1,000 0 0 |
| | | 1,92,100 0 0 | 1,92,100 0 0 |
| 2. Surplus Cash Investments Securities— | | | |
| 3½ per cent. Government Loan (1900-01) .. .. | 5,000 0 0 | | |
| 3½ per cent. Government Loan (1942-43) .. .. | 6,200 0 0 | | |
| | | 11,200 0 0 | 10,801 0 0 |
| | | 2,03,300 0 0 | 2,02,901 0 0 |
| At face value .. | | | |
| Chief Accountant, Bombay Municipality (Deposit re Provident Fund Investments) .. .. .. .. | | | 26,56,416 14 0 |
| Advances— | | | |
| (a) To Officials :— | | | |
| Secretary, Schools Committee .. .. .. .. | 150 0 0 | | |
| Superintendent, Aided Schools .. .. .. .. | 40 0 0 | | |
| Superintendent, Aided Schools (For Cinema) .. .. | 20 0 0 | | |
| Special Attendance Officer .. .. .. .. .. | 30 0 0 | | |
| Head Master, R. C. Training Institute .. .. .. | 15 0 0 | | |
| Parel School Handicraft Class .. .. .. .. | 10 0 0 | | |
| Supervisor, Drawing and Handicrafts .. .. .. | 15 0 0 | | |

| LIABILITIES. | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Deposit Account .. .. .. .. .. .. .. .. .. | | 1,583 5 9 |
| Unclaimed Wages Deposit Account .. .. .. .. .. .. .. | | 4,603 12 0 |
| Donation re ; Scholarships to Urdu Girls' Schools .. .. .. .. .. | | 219 1 0 |
| Harkisondas Brijlal Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 600 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 22 0 0 | |
| | | 622 0 0 |
| Dr. Blaney Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,300 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 74 6 3 | |
| | | 1,374 6 3 |
| Madhavdas Raghunathdas Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 500 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 17 8 0 | |
| | | 517 8 0 |
| Jivkore Lallubhai Scholarship and Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 3,000 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 131 12 0 | |
| | | 3,131 12 0 |
| Bachubai S. Bengali Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,200 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 48 14 0 | |
| | | 1,248 14 0 |
| Lady Hardinge Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,600 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 92 5 0 | |
| | | 1,692 5 0 |
| R. S. Taki Scholarship and Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,100 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 89 11 0 | |
| | | 1,189 11 0 |
| War Loan Prize Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 4,400 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 193 5 0 | |
| | | 4,593 5 0 |
| Rambhabai Laldas Parbhudas Scholarship and Endowment Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 10,000 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 137 0 0 | |
| | | 10,137 0 0 |
| Parmanand Raja Endowment Fund .. .. .. .. .. .. .. | | 13,800 0 0 |
| Valibai Vallabhadas Endowment Dund .. .. .. .. .. .. | | 29,000 0 0 |
| Nagardas Raghunathdas Scholarship and Endowment Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 23,000 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 128 0 0 | |
| | | 23,128 0 0 |
| Navalbai Raghunathdas Scholarship and Endowment Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 2,800 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 200 1 2 | |
| | | 3,000 1 2 |
| Madhavrao Rokde Free Scholarship Endowment Fund .. .. .. .. | | 27,800 0 0 |
| N. G. Welinkar Scholarship and Endowment Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,100 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 44 6 0 | 1,144 6 0 |
| Jerajbhai Peerbhoy Girls' School Trust Fund .. .. .. .. .. | | 2,400 0 0 |
| Thakkar Peraj Padamsi Lohana Kanyashala Prize and Endowment Fund— | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 8,000 0 0 | |
| Interest .. .. .. .. .. .. .. .. .. .. | 30 0 0 | |
| | | 8,030 0 0 |

| | | | | | |
|---|---|---|---|---|---|
| Khetwadi Central Clock Repairing Class .. .. | 10 0 0 | | | | |
| Lady Librarian .. .. .. .. .. .. | 10 0 0 | | | | |
| Head Master, Foras Road Marathi School, for Manual Training Class .. .. .. .. .. .. | 20 0 0 | | | | |
| Foras Road Printing Press .. .. .. .. | 100 0 0 | | | | |
| The Scout Organiser .. .. .. .. .. | 20 0 0 | | | | |
| Librarian, Teachers' Library .. .. .. .. | 10 0 0 | | | | |
| The Girl Guide Organiser .. .. .. .. .. | 10 0 0 | | | | |
| Bhuleshwar Central School Printing Class .. | 20 0 0 | | | | |
| Foras Road Printing Class .. .. .. .. .. | 20 0 0 | | | | |
| Medical Inspector .. .. .. .. .. .. | 15 0 0 | | | | |
| Public Libraries .. .. .. .. .. .. | 45 0 0 | | | | |
| | | 560 0 0 | | | |
| (*b*) Advances to Head Teachers— | | | | | |
| Marathi Schools .. .. .. .. .. .. | | | | | |
| Gujerati Schools .. .. .. .. .. .. | | 2,842 6 0 | 3,402 6 0 | | |
| Urdu Schools.. .. .. .. .. .. .. | | | | | |
| Bank and Cash Balances— | | | | | |
| Balance at Bank .. .. .. .. .. .. | | 48,809 1 5 | | | |
| In Office Treasury .. .. .. .. .. .. | | 949 9 6 | | | |
| | | | 49,758 10 11 | | |
| Total .. | | | 29,12,478 14 11 | | |

| | | | |
|---|---|---|---|
| Parvatibai Dwarkadas Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 200 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 9 0 0 | | |
| | | 209 0 0 | |
| Golden Jubilee of S. S. Bengali Girls' School Trust Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 4,900 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 321 3 0 | | |
| | | 5,221 3 0 | |
| Dwarkadas Tribhuwandas Garba Party Lahani Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 5,000 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 249 2 0 | | |
| | | 5,249 2 0 | |
| Ratansi Mulji Scholarship and Endowment Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 10,000 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 164 0 0 | | |
| | | 10,164 0 0 | |
| Manekbai Ratansi Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,000 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 39 8 0 | | |
| | | 1,039 8 0 | |
| Dwarkadas Tribhuwandas Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 2,500 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 149 10 0 | | |
| | | 2,649 10 0 | |
| Rahimtoola Currimbhoy Training Institute for Women Scholarship Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 18,000 0 0 | | |
| Interest and Cash .. .. .. .. .. .. .. .. | 4,953 7 1 | | |
| | | 22,953 7 1 | |
| Padmabai Quran Sharif Scholarship Fund .. .. .. .. .. .. | | 6,500 0 0 | |
| Jeshtaram Premji Girls' School Trust Fund .. .. .. .. .. .. | | 9,100 0 0 | |
| Bai Gulabbai Haribhai Shah Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 900 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 112 14 6 | | |
| | | 1,012 14 6 | |
| Bai Khorshedbai Dorabji Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 500 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 29 14 0 | | |
| | | 529 14 0 | |
| Bai Anandibai Keskar Prize Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 100 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 4 3 4 | | |
| | | 104 3 4 | |
| S. B. Pendurkar Scholarship Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 600 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 71 0 1 | | |
| | | 671 0 1 | |
| Cash Deposits from Contractors .. .. .. .. .. .. .. | | 1,050 0 0 | |
| H. G. Anjaria Memorial Fund— | | | |
| Principal .. .. .. .. .. .. .. .. .. .. | 1,200 0 0 | | |
| Interest .. .. .. .. .. .. .. .. .. .. | 104 12 0 | | |
| | | 1,304 12 0 | |
| S. S. Bengali School Fund .. .. .. .. .. .. .. | | 100 0 0 | |
| Provident Fund Account .. .. .. .. .. .. .. .. | 26,11,589 13 6 | | |
| Non-Contributory Provident Fund .. .. .. .. .. .. .. | 1,99,748 10 0 | | |
| | 28,11,338 7 6 | | |
| *Deduct* :— | Rs. a. p. | | |
| (1) Advances to Subscribers .. .. .. .. | 1,00,096 0 0 | | |
| (2) Insurance Premia out of Provident Fund .. | 44,706 15 0 | | |
| | 1,44,802 15 0 | | |
| Schools Committee's Employees' Co-operative Bank's Deposit Account .. .. | | 26,66,535 8 6 | |
| Income Tax .. .. .. .. .. .. .. .. .. .. | | ..... | |
| Suspense Account .. .. .. .. .. .. .. .. .. | | 9 13 0 | |
| Excess of Receipts over Expenditure to 31st March 1938 .. .. .. | | ..... | |
| Total .. | | 38,859 8 3 | |
| | | 29,12,478 14 11 | |

R. V. PARULEKAR,
*Secretary, Schools Committee.*

# MUNICIPAL AUDITORS' REPORT.

BOMBAY, 22*nd August* 1938.

FROM

THE MUNICIPAL AUDITORS,
BOMBAY.

TO

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

As directed in Town Council Resolution No. 1455, dated the 6th October 1879, and with reference to Section 137 of the City of Bombay Municipal Act, we beg to submit our report on the scrutiny of outstanding bills of Municipal Rates and Taxes and Additional General (Riot) Taxes which were in the hands of the ward clerks in the several ward offices and in the office of the Assessor and Collector on the 31st March 1938. The details of the outstanding amounts by years and wards are given in the statements A and B appended. The outstandings on the 31st March 1938 are summarized below :—

| Particulars. | No. of Bills. | Amount. |
|---|---|---|
| | | Rs. a. p. |
| (*a*) Property taxes including Wheel Tax .. | 18,136 | 53,33,106 9 11 |
| (*b*) Meter hire .. .. .. .. .. | 161 | 3,539 12 0 |
| (*c*) Payment by Government in lieu of the General Tax under Section 144 of the Municipal Act .. .. .. .. | .... | 7,84,084 4 0 |
| (*d*) Additional General Tax No. V .. .. | 293 | 11,825 14 0 |
| (*e*) ,, ,, ,, VI .. .. | 12 | 75 0 0 |
| (*f*) ,, ,, ,, VII .. .. | 46 | 155 10 0 |
| (*g*) ,, ,, ,, VIII .. | 7 | 45 6 0 |
| (*h*) ,, ,, ,, X .. .. | 2,039 | 2,12,255 15 9 |
| (*i*) ,, ,, ,, XI .. .. | 133 | 618 4 0 |
| Total .. | 20,827 | 63,45,706 11 8 |

2. The outstanding balances under (*a*), (*b*) and (*c*) above, as compared with those of the previous year, are as follows :—

| No. | Particulars. | Outstandings on 31-3-1937. | Outstandings on 31-3-1938. |
|---|---|---|---|
| 1 | Payment by Government in lieu of the General Tax under Section 144 of the Municipal Act .. .. .. .. .. .. | Rs. a. p. 6,20,021 10 0 | Rs. a. p. 7,84,084 4 0 |
| 2 | City Improvement Trust .. .. .. | 14,189 4 3 | 16,213 2 3 |
| 3 | G. I. P. Railway .. .. .. .. | 12,03,069 7 0 | 15,80,902 5 0 |
| 4 | B. B. & C. I. Railway .. .. .. .. | 7,08,160 13 0 | 11,18,742 4 0 |
| 5 | Mills .. .. .. .. .. .. | 9,04,886 10 0 | 1,87,436 2 0 |
| 6 | Other rate-payers .. .. .. .. | 22,56,930 10 5 | 24,29,812 12 8 |
| | Total Rs. .. | 57,07,258 6 8 | 61,17,190 13 11 |
| 7 | Meter hire .. .. .. Rs. .. | 4,265 0 0 | 3,539 12 0 |
| | Grand Total Rs. .. | 57,11,523 6 8 | 61,20,730 9 11 |

3. From the above it will be seen that there was an increase of Rs. 4,09,207-3-3 in the outstanding balance on 31st March 1938 when compared with that on the same date last year. The increase was the net result of increases of Rs. 1,64,062-10-0 in (1), Rs. 2,023-14-0 in (2) Rs. 3,77,832-14-0 in (3), Rs. 4,10,581-7-0 in (4) and Rs. 1,72,882-2-3 in (6) counterbalanced by decreases of Rs. 7,17,450-8-0 in (5), and Rs. 725-4-0 in (7). The increases of Rs. 3,77,832-14-0 in G. I. P. Railway and Rs. 4,10,581-7-0 in B. B. & C. I. Railway were due to complaints against increased assessments being under consideration. The increase of Rs. 1,72,882-2-3 under other rate-payers was due to financial stringency on account of general depression of trade in Bombay. The outstanding balance by the City Improvement Trust has gone up from Rs. 14,189-4-3 to Rs. 16,213-2-3 which is discouraging. As the City Improvement Trust now forms part of the Municipality, there should be no outstandings on that account. The outstandings against Mills were reduced by Rs. 7,17,450-8-0, leaving a balance (together with this year's dues) of Rs. 1,87,436-2-0. The amount due by Government was Rs. 7,84,084-4-0 out of which Rs. 1,73,191-12-0 was received in the year 1938-39.

4. During the year under report no fresh riot tax bills were issued but some bills already issued were amended. Bills for 1936 riots for which compensation was awarded by the Chief Presidency Magistrate in November 1937 are in the course of preparation and issue.

5. Under meter hire there was a decrease of Rs. 725-4-0 on 31st March 1938, *viz.*, Rs. 3,539-12-0 compared with that of the previous year, *viz.*, Rs. 4,265-0-0. There were no bills outstanding for street number-plates.

6. Of the total outstandings on 31st March 1938, *viz.* Rs. 61,17,190-13-11, Rs. 11,35,439-3-9 were recovered upto 30th June 1938. The following figures represent the transactions for the whole year.

Property and Wheel Taxes.

| | Rs. | a. | p. |
|---|---|---|---|
| Balance on 1st April 1937 .. .. .. .. .. .. .. | 58,25,580 | 15 | 8 |
| Demand during the year 1937-38 .. .. .. .. .. .. | 2,57,39,111 | 9 | 4 |
| Total Rs. | 3,15,64,692 | 9 | 0 |
| *Less*—Recoveries during the year .. .. .. .. .. | 2,54,47,501 | 11 | 1 |
| Balance outstanding on 31st March 1938 exclusive of meter hire .. | 61,17,190 | 13 | 11 |

7. The amounts of drawbacks allowed during the year under report aggregated Rs. 3,24,597-10-0 against Rs. 3,10,614-11-0 during the previous year. Bills of the total value of Rs. 5,262-5-8 were written off under Section 216 of the Municipal Act, under orders of the Standing Committee.

8. The total number of bills for examination was 20,827. Some of these bills were not produced for examination as they were stated by the Assessment Department to have been recovered after 31st March 1938 or filed in suits pending in courts.

9. This, together with the statements, forms part of the Auditors' report, under Section 137 (1) of the Act, on the accounts for the year 1937-38, now under preparation.

We have the honour to be,
Sir,
Your most obedient servants,
T. J. PAREKH,
ABDUL AZIZ,
Municipal Auditors.

## STATEMENT A.

Bills on account of property taxes outstanding on 31st March 1938.

| Year. | Wards. | No. of Bills. | Details of Demand. | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | General Tax. | Water Tax. | | | Halalkhore Tax. | | Tax on Vehicles and Animals. | Total. | |
| | | | | On Value. | By Meter Measurement. | Compounded Tax. | On Value. | At a special rate. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 1926-27 .. | E Ward .. .. | 2 | 960 2 0 | 311 7 0 | ..... | ..... | 249 1 0 | ..... | ..... | 1,520 10 0 | |
| | Total ... | 2 | 960 2 0 | 311 7 0 | .... | .... | 249 1 0 | .... | .... | 1,520 10 0 | |
| 1927-28 .. | E Ward ... ... | 2 | 1,432 6 0 | 467 2 0 | ..... | ..... | 373 10 0 | ..... | ..... | 2,273 2 0 | |
| | Total .. | 2 | 1,432 6 0 | 467 2 0 | ..... | ..... | 373 10 0 | ..... | ..... | 2,273 2 0 | |
| 1928-29 .. | G Ward .. ... | 2 | 42 14 0 | 28 8 0 | 1 8 0 | ..... | 22 13 0 | ..... | .... | 95 11 0 | |
| | Total ... | 2 | 42 14 0 | 28 8 0 | 1 8 0 | ..... | 22 13 0 | ..... | .... | 95 11 0 | |
| 1929-30 .. | G. P. R. ... .. | 2 | 4,567 6 0 | ..... | ..... | .... | ..... | .... | .... | 4,567 6 0 | |
| ,, .. | B Ward .. .. | 1 | 37 15 0 | ..... | ..... | ..... | 9 14 0 | ..... | .... | 47 13 0 | |
| ,, .. | E ,, .. .. | 1 | 102 10 0 | ..... | ..... | ..... | 26 12 0 | ..... | ..... | 129 6 0 | |
| ,, .. | G ,, .. .. | 3 | 105 4 0 | 34 6 0 | 288 1 0 | ..... | 27 8 0 | ..... | ..... | 455 3 0 | |
| | Total .. | 7 | 4,813 3 0 | 34 6 0 | 288 1 0 | ..... | 64 2 0 | ..... | ..... | 5,199 12 0 | |
| 1930-31 .. | G. P. R. .. .. | 2 | 4,567 6 0 | .... | .... | ..... | ..... | ..... | ..... | 4,567 6 0 | |
| ,, .. | B Ward .. .. | 5 | 235 14 0 | 68 8 0 | .... | ..... | 74 8 0 | ..... | ..... | 378 14 0 | |
| ,, .. | C ,, .. .. | 2 | 81 10 0 | 26 10 0 | .... | .... | 21 4 0 | ..... | ..... | 129 8 0 | |
| ,, .. | D ,, .. .. | 8 | 231 4 0 | 77 6 0 | ..... | ..... | 61 12 0 | ..... | ..... | 370 6 0 | |
| ,, .. | E ,, .. .. | 5 | 565 10 0 | 52 2 0 | .... | .... | 177 0 0 | .... | .... | 794 12 0 | |
| ,, .. | F ,, .. .. | 1 | ..... | .... | .... | .... | .... | ..... | 155 12 0 | 155 12 0 | |
| ,, .. | G ,, .. .. | 6 | 146 2 0 | 47 12 0 | 410 12 0 | ..... | 38 2 0 | .... | .... | 642 12 0 | |
| | Total .. | 29 | 5,827 14 0 | 272 6 0 | 410 12 0 | .... | 372 10 0 | .... | 155 12 0 | 7,039 6 0 | |

## STATEMENT A—(*continued*).

| Year. | Wards. | No. of Bills. | Details of Demand. | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | General Tax. | Water Tax. | | | Halalkhore Tax. | | Tax on Vehicles and Animals. | Total | |
| | | | | On Value. | By Meter Measurement. | Compounded Tax. | On Value. | At a special rate. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 1931-32 ... | A Ward ... ... | 1 | 97 12 0 | 31 14 0 | ..... | ..... | 25 8 0 | ..... | ..... | 155 2 0 | |
| ,, ... | G. P. R. ... ... | 2 | 4,567 6 0 | ..... | ..... | ..... | ..... | ..... | ..... | 4,567 6 0 | |
| ,, ... | B Ward ... ... | 20 | 5,032 0 0 | 819 8 0 | ..... | ..... | 1,265 6 0 | ..... | ..... | 7,116 14 0 | |
| ,, ... | C ,, ... ... | 3 | 183 11 0 | 26 10 0 | ..... | ..... | 43 3 0 | ..... | ..... | 253 8 0 | |
| ,, ... | D ,, ... ... | 9 | 295 0 0 | 98 6 0 | ..... | ..... | 78 10 0 | ..... | 25 0 0 | 497 0 0 | |
| ,, ... | E ,, ... ... | 8 | 1,214 1 0 | 124 10 0 | ..... | ..... | 316 10 0 | ..... | ..... | 1,655 5 0 | |
| ,, ... | G ,, ... ... | 15 | 2,219 12 0 | 343 2 0 | ..... | ..... | 730 14 0 | ..... | ..... | 3,293 12 0 | |
| | Total ... | 58 | 13,609 10 0 | 1,444 2 0 | ..... | ..... | 2,460 3 0 | ..... | 25 0 0 | 17,538 15 0 | |
| 1932-33 ... | A Ward ... ... | 5 | 204 7 0 | 66 11 0 | ..... | ..... | 53 5 0 | ..... | 110 0 0 | 434 7 0 | |
| ,, ... | G. P. R. ... ... | 52 | 1,92,034 8 0 | ..... | ..... | ..... | ..... | ..... | ..... | 1,92,034 8 0 | |
| ,, ... | T ... ... | 4 | 122 4 0 | 39 14 0 | ..... | ..... | 31 5 0 | ..... | ..... | 193 7 0 | |
| ,, ... | B Ward ... ... | 49 | 10,490 12 0 | 2,672 15 0 | ..... | ..... | 2,899 6 0 | ..... | 20 0 0 | 16,083 1 0 | |
| ,, ... | C ,, ... ... | 5 | 474 10 0 | 26 10 0 | ..... | ..... | 131 12 0 | ..... | ..... | 633 0 0 | |
| ,, ... | D ,, ... ... | 31 | 3,873 6 0 | 1,245 12 0 | 1,123 2 0 | ..... | 1,109 8 0 | ..... | 189 5 2 | 7,541 1 2 | |
| ,, ... | E ,, ... ... | 18 | 2,253 8 0 | 488 12 0 | ..... | ..... | 559 10 0 | ..... | ..... | 3,301 14 0 | |
| ,, ... | F ,, ... ... | 9 | 324 2 0 | 132 13 0 | ..... | ..... | 130 0 0 | ..... | ..... | 586 15 0 | |
| ,, ... | G ,, ... ... | 37 | 8,215 13 0 | 937 3 0 | ..... | ..... | 2,349 10 0 | ..... | 16 0 0 | 11,518 10 0 | |
| | Total .. | 210 | 2,17,993 6 0 | 5,610 10 0 | 1,123 2 0 | ..... | 7,264 8 0 | ..... | 335 5 2 | 2,32,326 15 2 | |

## STATEMENT A—(*continued.*)

| Year. | Wards. | No. of Bills. | Details of Demand. | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | General Tax. | Water Tax. | | | Halalkhore Tax. | | Tax on Vehicles and Animals. | Total. | |
| | | | | On Value. | By Meter Measurement. | Compounded Tax. | On Value. | At a special rate. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 1933-34 ... | A Ward ... ... | 11 | 542 11 0 | 75 9 0 | ..... | ..... | 141 8 0 | ..... | 20 0 0 | 779 12 0 | |
| ,, ... | G. P. R. ... ... | 150 | 2,19,876 8 0 | ..... | ..... | ..... | 6,191 14 0 | ..... | ..... | 2,26,068 6 0 | |
| ,, ... | T ... ... | 20 | 1,532 7 0 | 157 7 0 | ..... | ..... | 398 13 0 | ..... | ..... | 2,088 11 0 | |
| ,, ... | B Ward ... ... | 64 | 12,420 7 0 | 3,173 4 0 | 68 5 0 | ..... | 3,546 12 0 | ..... | ..... | 19,208 12 0 | |
| ,, ... | C ,, ... ... | 9 | 756 15 0 | 64 14 0 | ..... | ..... | 211 10 0 | ..... | 40 0 0 | 1,073 7 0 | |
| ,, ... | D ,, ... ... | 21 | 341 10 0 | 113 10 0 | ..... | ..... | 90 12 0 | ..... | 283 0 0 | 829 0 0 | |
| ,, ... | E ,, ... ... | 31 | 2,866 7 0 | 451 4 0 | ..... | ..... | 793 9 0 | ..... | 103 4 0 | 4,214 8 0 | |
| ,, ... | F ,, ... ... | 13 | 544 14 0 | 141 12 0 | 54 9 0 | ..... | 145 1 0 | ..... | ..... | 886 4 0 | |
| ,, ... | G ,, ... ... | 76 | 31,630 9 0 | 1,638 2 0 | 3,747 5 0 | 2 8 0 | 8,309 9 0 | ..... | 55 2 0 | 45,383 3 0 | |
| | Total .. | 395 | 2,70,512 8 0 | 5,815 14 0 | 3,870 3 0 | 2 8 0 | 19,829 8 0 | ..... | 501 6 0 | 3,00,531 15 0 | |
| 1934-35 ... | A Ward ... | 24 | 944 5 0 | 228 4 0 | ..... | ..... | 222 13 0 | ..... | 235 0 0 | 1,630 6 0 | |
| ,, ... | G. P. R. ... | 266 | 4,26,435 2 0 | 733 6 0 | ..... | ..... | 18,929 12 0 | 7 11 0 | ..... | 4,46,105 15 0 | |
| ,, ... | T ... | 21 | 469 3 0 | 83 13 0 | 2,036 2 3 | ..... | 111 3 0 | ..... | ..... | 2,700 5 3 | |
| ,, ... | B Ward ... | 91 | 16,531 11 0 | 3,707 0 0 | ..... | ..... | 4,142 13 0 | ..... | 311 5 0 | 24,692 13 0 | |
| ,, ... | C ,, ... | 24 | 2,401 10 0 | 56 4 0 | ..... | ..... | 557 11 0 | ..... | 130 0 0 | 3,145 9 0 | |
| ,, ... | D ,, ... | 87 | 3,368 15 0 | 274 11 0 | 1,728 13 0 | ..... | 807 7 0 | ..... | 1,344 5 0 | 7,524 3 0 | |
| ,, ... | E ,, ... | 46 | 4,316 13 0 | 613 15 0 | 391 6 0 | ..... | 1,062 1 0 | ..... | 334 0 0 | 6,718 3 0 | |
| ,, ... | F ,, ... | 24 | 786 8 0 | 188 6 0 | 28 2 0 | ..... | 196 1 0 | ..... | 165 0 0 | 1,364 1 0 | |
| ,, ... | G ,, ... | 107 | 37,241 12 0 | 2,126 4 0 | 2,453 7 0 | 5 0 0 | 8,995 13 0 | ..... | 102 12 0 | 50,925 0 0 | |
| | Total ... | 690 | 4,92,495 15 0 | 8,011 15 0 | 6,637 14 3 | 5 0 0 | 35,025 10 0 | 7 11 0 | 2,622 6 0 | 5,44,806 7 3 | |

## STATEMENT A—(*continued*).

| Year. | Wards. | No. of Bills. | Details of Demand. | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | General Tax. | Water Tax. | | | Halalkhore Tax. | | Tax on Vehicles and Animals. | Total. | |
| | | | | On Value. | By Meter Measurement. | Compounded Tax. | On Value. | At a special rate. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 1935-36 ... | A Ward ... ... | 103 | 2,719 15 0 | 476 9 0 | 114 4 0 | 11 6 0 | 723 11 0 | ..... | 1,317 0 0 | 5,362 13 0 | |
| „ .. | G. P. R. .. .. | 252 | 4,04,715 11 0 | 733 6 0 | ..... | ..... | 19,436 4 0 | 18 12 0 | ..... | 4,24,904 1 0 | |
| „ .. | T ... .. | 17 | 481 8 0 | 59 0 0 | 1,036 9 0 | ..... | 114 2 0 | ..... | ..... | 1,691 3 0 | |
| „ ... | B Ward ... ... | 154 | 19,536 12 0 | 3,834 7 0 | ..... | 73 11 0 | 4,810 6 0 | ..... | 1,410 11 0 | 29,665 15 0 | |
| „ .. | C „ ... ... | 89 | 6,771 0 0 | 703 15 0 | 67 0 0 | ..... | 1,640 3 0 | ..... | 872 5 0 | 10,054 7 0 | |
| „ ... | D „ ... ... | 187 | 8,373 4 0 | 608 13 0 | 2,509 14 0 | ..... | 2,071 13 0 | ..... | 3,624 5 0 | 17,188 1 0 | |
| „ .. | E „ ... .. | 114 | 6,526 8 0 | 747 13 0 | ..... | ..... | 1,734 13 0 | ..... | 1,580 3 0 | 10,589 5 0 | |
| „ .. | F „ ... ... | 46 | 1,171 8 9 | 295 5 0 | ..... | ..... | 299 11 0 | ..... | 504 11 0 | 2,271 3 9 | |
| „ .. | G „ ... ... | 174 | 47,494 8 0 | 2,405 8 0 | 10,428 0 0 | 5 0 0 | 11,658 13 0 | ..... | 800 0 0 | 72,791 13 0 | |
| | Total ... | 1,136 | 4,97,790 10 9 | 9,864 12 0 | 14,155 11 0 | 90 1 0 | 42,489 12 0 | 18 12 0 | 10,109 3 0 | 5,74,518 13 9 | |
| 1936-37 ... | A Ward ... .. | 408 | 16,826 7 0 | 3,812 11 0 | 727 10 0 | 47 4 0 | 4,619 2 0 | ..... | 6,259 13 3 | 32,292 15 3 | |
| „ .. | G. P. R. .. .. | 221 | 3,71,763 1 0 | 73 0 0 | ..... | 157 10 0 | 17,130 11 0 | 21 7 0 | ..... | 3,89,145 13 0 | |
| „ .. | T .. .. | 11 | 144 4 0 | 47 15 0 | 69 6 0 | ..... | 36 7 0 | ..... | ..... | 298 0 0 | |
| „ ... | B Ward .. .. | 349 | 33,316 12 0 | 9,004 3 0 | 1,057 15 0 | 172 10 0 | 9,373 15 0 | ..... | 3,989 11 0 | 56,915 2 0 | |
| „ .. | C „ .. .. | 211 | 14,912 12 0 | 2,585 10 0 | ..... | 13 11 0 | 4,167 5 0 | ..... | 2,159 13 0 | 23,839 3 0 | |
| „ .. | D „ .. .. | 448 | 24,998 2 0 | 5,095 1 0 | 5,035 5 0 | 12 7 0 | 6,955 10 0 | ..... | 7,322 0 0 | 49,418 9 0 | |
| „ .. | E „ .. .. | 285 | 15,362 15 0 | 1,971 4 0 | 79 14 0 | ..... | 4,123 5 0 | ..... | 4,318 3 0 | 25,855 9 0 | |
| „ .. | F „ .. .. | 140 | 4,811 14 0 | 1,464 9 0 | 224 0 0 | 1 0 0 | 1,228 8 0 | ..... | 1,538 0 0 | 9,267 15 0 | |
| „ ... | G „ .. .. | 284 | 44,970 8 0 | 5,837 0 0 | 26,267 15 0 | 5 0 0 | 11,833 4 0 | ..... | 1,158 10 0 | 90,072 5 0 | |
| | Total ... | 2,357 | 5,27,106 11 0 | 29,891 5 0 | 33,462 1 0 | 409 10 0 | 59,468 3 0 | 21 7 0 | 26,746 2 3 | 6,77,105 7 3 | |

# STATEMENT A—(*concluded*).

| Year. | Wards | No. of Bills. | Details of Demand. | | | | | | | | Meter Hire. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | General Tax. | Water Tax. | | | Halalkhore Tax. | | Tax on Vehicles and Animals. | Total. | No. of Bills. | Amount. |
| | | | | On Value. | By Meter Measurement. | Compounded Tax. | On Value. | At a special rate. | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p |
| 1937-38 .. | A Ward .. | 3,098 | 2,23,644 6 0 | 54,908 10 0 | 31,463 11 0 | 585 3 0 | 56,464 11 0 | .... | 52,439 4 0 | 4,19,505 13 0 | 26 | 757 8 0 |
| , .. | G. P. R. .. | 394 | 9,49,343 5 0 | 73 0 0 | 24,840 9 0 | 74 0 0 | 95,527 0 0 | 1,831 12 0 | .... | 10,71,689 10 0 | 2 | 84 0 0 |
| ,, ... | T .. .. | 177 | 5,091 5 0 | 1,215 12 0 | 1,586 12 0 | 24 0 0 | 1,323 11 0 | .... | .... | 9,241 8 0 | 2 | 33 0 0 |
| ,, .. | B Ward .. | 1,673 | 1,86,701 5 0 | 59,794 3 0 | 5,132 13 0 | 249 6 0 | 52,029 9 0 | .... | 19,403 11 0 | 3,23,310 15 0 | 22 | 404 8 0 |
| ,, .. | C ,, .. | 1,396 | 1,40,448 11 0 | 43,188 6 0 | 4,052 6 0 | 55) 3 0 | 38,582 5 0 | .... | 8,483 12 0 | 2 35,305 11 0 | 17 | 284 8 0 |
| ,, .. | D ,, .. | 2,654 | 2,26,446 4 0 | 63,574 10 0 | 29,686 0 0 | 208 6 0 | 61,676 7 0 | .... | 34,189 8 0 | 4,15,781 3 0 | 32 | 689 8 0 |
| ,, .. | E ,, .. | 1,099 | 75,064 6 0 | 20,794 8 0 | 12,196 1 0 | 88 9 0 | 20,452 2 0 | .... | 13,077 6 0 | 1,41,673 0 0 | 8 | 119 12 0 |
| ,, .. | F ,, .. | 958 | 68,956 0 0 | 21,941 6 0 | 6,275 12 0 | 32 2 0 | 19,014 10 0 | .... | 8,183 14 0 | 1,24,403 12 0 | 9 | 192 0 0 |
| ,, .. | G ,, .. | 1,799 | 1,07,226 6 6 | 22,490 2 0 | 67,441 11 0 | 41 11 0 | 26,382 1 0 | .... | 5,656 0 0 | 2,29,237 15 6 | 43 | 975 0 0 |
| | Total .. | 13,248 | 19,82,922 0 6 | 2,87,980 9 0 | 1,82,675 11 0 | 1,853 8 0 | 3,71,452 8 0 | 1,831 12 0 | 1,41,433 7 0 | 29,70,149 7 6 | 161 | 3,539 12 0 |
| | Grand Total .. | 18,136 | 40,15,507 4 3 | 3,49,733 0 0 | 2,42,624 15 3 | 2,360 11 0 | 5,39,072 8 0 | 1,879 10 0 | 1,81,928 9 5 | 53,33,106 9 11 | | |
| | | | | | | | | | Meter hire bills .. | 3,539 12 0 | | |
| | | | Amount due from Government for 1937-38 in lieu of the general tax under Section 144 of the Municipal Act .. | | | | | | | 7,84,084 4 0 | | |
| | | | | | | | | | Grand Total .. | 61,20,730 9 11 | | |



Municipal Office,
*Bombay*, 22*nd August* 1938.

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

## STATEMENT B.

*Bills on account of Riot Taxes outstanding on 31st March 1938.*

| Wards. | No. V. | | No. VI. | | No. VII. | | No. VIII. | | No. X. | | No. XI. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Bills. | Amount. | Bills. | Amount. | Bills. | Amount. | Bills. | Amount. | Bills. | Amount. | Bills. | Amount. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p | | Rs. a. p. | | Rs. a. p. |
| A Ward .. .. .. .. | 10 | 404 5 0 | .. | .... | 2 | 5 11 0 | .. | .... | 62 | 10,203 3 0 | 4 | 21 10 0 |
| G. P. R. .. .. .. .. | .. | .... | .. | .... | .. | .... | .. | .... | .. | .... | .. | .... |
| T .. .. .. .. | .. | .... | .. | .... | .. | .... | .. | .... | .. | .... | .. | .... |
| B Ward .. .. .. .. | 80 | 4,097 2 0 | 12 | 75 0 0 | 41 | 119 12 0 | 7 | 45 6 0 | 576 | 61,513 4 4 | 6 | 36 9 0 |
| C „ .. .. .. .. | 42 | 1,483 10 0 | .. | .... | .. | .... | .. | .... | 514 | 63,043 12 5 | 108 | 480 4 0 |
| D „ .. .. .. .. | 46 | 3,504 3 0 | .. | .... | .. | .... | .. | .... | 240 | 33,268 6 0 | 14 | 66 9 0 |
| E „ .. .. .. .. | 65 | 1,419 8 0 | .. | .... | 3 | 30 3 0 | .. | .... | 319 | 23,170 11 0 | 1 | 13 4 0 |
| F „ .. .. .. .. | 16 | 205 4 0 | .. | .... | .. | .... | .. | .... | 28 | 1,056 15 0 | .. | .... |
| G „ .. .. .. .. | 34 | 711 14 0 | .. | .... | .. | .... | .. | .... | 300 | 19,999 12 0 | .. | .... |
| Total .. | 293 | 11,825 14 0 | 12 | 75 0 0 | 46 | 155 10 0 | 7 | 45 6 0 | 2,039 | 2,12,255 15 9 | 133 | 618 4 0 |

MUNICIPAL OFFICE,
BOMBAY, *22nd August* 1938.

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

# MUNICIPAL AUDITORS' REPORT.

BOMBAY, *22nd August* 1938.

FROM

THE MUNICIPAL AUDITORS,

BOMBAY.

To

THE MUNICIPAL SECRETARY,

BOMBAY.

SIR,

As required by Section 137 of the City of Bombay Municipal Act III of 1888 we have the honour to submit herewith our report on the accounts of the Schools Committee for the year 1937-38.

We have the honour to be,

Sir,

Your most obedient servants,

T. J. PAREKH,

ABDUL AZIZ,

*Municipal Auditors.*

# REPORT ON THE ACCOUNTS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1937-38.

1. The audit of the accounts of the Schools Committee for the year 1937-38 was carried out by the Municipal Auditors appointed by the Corporation under Section 136(1) of the Municipal Act. The audit of the vouchers and the examination of the books, etc., were carried out during the year, but the examination of the books, etc., was not completed till the accounts were finally closed. The objections were set right during the course of audit.

2. The year under report opened with a balance of Rs. 27,416-10-10. This amount was, however, not available for expenditure, as under Corporation Resolution No. 7666, dated the 28th November 1929, the difference between the actual opening and budgetted balances for the year, *viz.* Rs. 7,416-10-10, was refunded to the Municipal General Fund. A sum of Rs. 34,28,050-4-0 was placed by the Corporation at the disposal of the Schools Committee but Rs. 33,91,152-10-0 was drawn.

3. The following statement gives the transactions of the school accounts for the last five years :—

| Year. | Receipts | Expenditure. | Closing balance. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| 1933-34 .. .. .. .. | 31,50,555 | 32,01,191 | 22,713 |
| 1934-35 .. .. .. .. | 31,44,725 | 31,40,769 | 23,956 |
| 1935-36 .. .. .. .. | 31,33,851 | 31,29,132 | 24,720 |
| 1936-37 .. .. .. .. | 33,15,879 | 33,08,462 | 27,417 |
| 1937-38 .. .. .. .. | 34,46,255 | 34,07,395 | 38,860 |

4. During the year under review there were excesses under various grants which were sanctioned by reappropriation from savings under other heads, under the orders of the Schools Committee. The Government grant received during the year after taking into account the cut and the adjustments of previous years, amounted to Rs. 8,06,570 (*vide* Educational Inspector, Bombay Division, No. Pri-31-13512, dated the 17th March 1938).

5. The total assets and liabilities of the School Fund on 31-3-1938 were Rs. 29,12,478-14-11 and Rs. 28,73,619-6-8 respectively as shown below :—

| Assets. | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Surplus cash investments with the Imperial Bank of India ; 3½ per cent. Government Promissory Notes of the face value of Rs. 11,200 .. .. .. .. .. .. .. .. | | 10,801 0 0 |
| Securities belonging to Prize and other funds deposited with the Imperial Bank of India for safe custody.. .. .. .. | | 1,92,100 0 0 |
| Deposits with the Chief Accountant, Bombay Municipality, for Provident Fund Investments .. .. .. .. .. | | 26,56,416 14 0 |
| Advances recoverable :— | | |
| (*a*) Advances to Officers .. .. .. | 560 0 0 | |
| (*b*) Advances to teachers .. .. .. | 2,842 6 0 | 3,402 6 0 |
| Cash Balances :— | | |
| (1) With the Imperial Bank of India .. | 48,809 1 5 | |
| (2) In office treasury .. .. .. | 949 9 6 | 49,758 10 11 |
| Total Rs. .. | | 29,12,478 14 11 |

| LIABILITIES. | Rs. | a. | p. |
|---|---|---|---|
| Deposit accounts .. .. .. .. .. .. .. | 1,583 | 5 | 9 |
| Unclaimed wages .. .. .. .. .. .. .. | 4,603 | 12 | 0 |
| Deposits from Contractors .. .. .. .. .. .. | 1,050 | 0 | 0 |
| Provident Fund accounts .. .. .. .. .. .. | 26,66,535 | 8 | 6 |
| Prize Funds Government Promissory Notes .. .. .. | 1,92,100 | 0 | 0 |
| „ „ Cash .. .. .. .. .. .. .. | 7,517 | 14 | 5 |
| Donations for scholarships to Urdu school girls .. .. .. | 219 | 1 | 0 |
| Income Tax .. .. .. .. .. .. .. .. | 9 | 13 | 0 |
| Total .. Rs. | 28,73,619 | 6 | 8 |
| Excess of Assets over Liabilities .. | 38,859 | 8 | 3 |
| Grand Total .. Rs. | 29,12,478 | 14 | 11 |

6. The cash balance of Rs. 949-9-6 in Office Treasury was counted and found correct. The balance in the Bank, *viz.* Rs. 48,809-1-5, was verified with the Bank Pass Book.

7. The safe custody receipts for Government and other Securities lodged with the Imperial Bank of India were examined and found in order.

8. A comparative statement showing the payments for the years 1936-37 and 1937-38 is appended.

9. The accounts work continues well upto the mark.

MUNICIPAL OFFICES,
BOMBAY, 22*nd August* 1938.

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

Comparative statement showing the expenditure by the Schools Committee during 1936-37 & 1937-38.

| Particulars. | Expenditure. | | Increase. | Decrease. |
|---|---|---|---|---|
| | 1936-37. | 1937-38. | | |
| 1 | 2 | 3 | 4 | 5 |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Headmasters & Teachers .. .. | 20,87,492 4 4 | 21,32,451 10 0 | 44,959 5 8 | .... |
| Servants .. .. .. .. | 1,25,656 14 0 | 1,33,463 5 0 | 7,806 7 0 | .... |
| Rents .. .. .. .. .. | 4,47,249 7 0 | 4,75,009 5 0 | 27,759 14 0 | .... |
| Classbooks for Teachers .. .. | 989 2 9 | 798 9 6 | .... | 190 9 3 |
| School furniture .. .. .. | 14,211 10 0 | 4,848 8 0 | .... | 9,363 2 0 |
| Scholarships .. .. .. .. | 1,286 6 0 | 1,303 15 6 | 17 9 6 | .... |
| Visual Instruction .. .. .. | 377 1 6 | 396 15 3 | 19 13 9 | .... |
| Boy Scouts & Girl Guides .. .. | 8,891 13 0 | 9,707 3 6 | 815 6 6 | .... |
| Sports .. .. .. .. | 3,480 8 0 | 1,000 0 0 | .... | 2,480 8 0 |
| School Contingencies .. .. | 25,092 8 6 | 25,332 8 3 | 239 15 9 | .... |
| Special expenses in schools .. .. | 6,488 10 10 | 8,274 0 9 | 1,785 5 11 | .... |
| Miscellaneous expenses .. .. | 7,926 13 3 | 10,496 8 0 | 2,569 10 9 | .... |
| Sewing & Drawing .. .. .. | 1,000 0 0 | 1,000 0 0 | .... | .... |
| Local Committees .. .. .. | 933 4 0 | 878 6 3 | .... | 54 13 9 |
| Whitewash .. .. .. .. | 996 11 0 | 1,130 7 6 | 133 12 6 | .... |
| Magazines .. .. .. .. | 480 12 0 | 653 6 0 | 172 10 0 | .... |
| Printing & Stationery .. .. | 8,785 12 3 | 9,942 10 3 | 1,156 14 0 | .... |
| Sloyd & Handicrafts.. .. .. | 15,976 4 6 | 13,430 1 0 | .... | 2,546 3 6 |
| Uniforms & Umbrellas .. .. | 2,456 9 0 | 5,085 2 6 | 2,628 9 6 | .... |
| Remuneration to Auditors .. .. | 2,000 0 0 | 2,000 0 0 | .... | .... |
| Stipends to Teachers .. .. | 3,865 3 0 | 5,336 8 0 | 1,471 5 0 | .... |
| Superintendents & their Establishment .. .. .. .. | 79,137 11 6 | 86,657 8 0 | 7,519 12 6 | .... |
| Grants-in-Aid .. .. .. | 1,67,104 0 0 | 1,58,660 0 0 | .... | 8,444 0 0 |
| Teachers' Library .. .. .. | 1,888 10 0 | 1,948 12 11 | 60 2 11 | .... |
| Medical Inspection .. .. .. | 22,713 9 3 | 25,658 5 6 | 2,944 12 3 | .... |
| Clinical Treatment .. .. .. | 18,219 15 3 | 14,066 2 0 | .... | 4,153 13 3 |
| Superintendent, Aided Schools .. | 9,692 11 6 | 9,343 13 6 | .... | 348 14 0 |
| Census Establishment .. .. | 20,004 4 0 | 20,700 8 0 | 696 4 0 | .... |
| Free Reading Rooms & Libraries .. | 9,908 15 0 | 9,849 12 1 | .... | 59 2 11 |
| Pensions & Gratuities .. .. | 68,141 14 0 | 84,735 6 0 | 16,593 8 0 | .... |
| Municipal Contribution towards Provident Fund .. .. .. | 1,30,317 14 0 | 1,37,338 4 0 | 7,020 6 0 | .... |
| Repairs to school buildings .. | 15,695 1 0 | 10,897 12 0 | .... | 4,797 5 0 |
| Grant-in-Aid to the Bombay City Literacy Association .. .. | .... | 5,000 0 0 | 5,000 0 0 | .... |
| Total .. | 33,08,462 4 5 | 34,07,395 6 3 | 1,31,371 9 6 | 32,438 7 8 |

MUNICIPAL OFFICE,
BOMBAY, 22*nd August* 1938.

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

BOMBAY, 15*th September* 1938.

FROM

THE MUNICIPAL AUDITORS,
BOMBAY.

TO

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

We have the honour to submit herewith our report on the Municipal accounts including Improvement Schemes, for the year 1937-38, as required by Section 137(1) of the City of Bombay Municipal Act III of 1888, with a view to the same being printed and published with the Administration Report for the year, for submission to the Standing Committee and the Corporation.

We have the honour to be,
Sir,
Your most obedient servants,

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

# REPORT OF THE AUDITORS ON THE MUNICIPAL ACCOUNTS INCLUDING IMPROVEMENT SCHEMES FOR THE YEAR 1937-38.

1. Under Corporation Resolution No. 1045, dated the 15th March 1937, Mr. Thakordas J. Parekh and Khan Sahib Abdul Aziz were appointed Municipal Auditors for the year 1937-38 under the then existing section 136(1) of the City of Bombay Municipal Act III of 1888. The Municipal accounts (including those of Improvement Schemes) were checked from day to day and the vouchers relating to receipts and disbursements and adjustments were examined in detail and checked with the entries in the day books which were then traced to the ledgers (abstract accounts). The weekly abstract accounts of the receipts and expenditure were examined as soon as they were produced, prior to their submission to the Standing Committee and publication in the Bombay Government Gazette.

## General Fund.

2. The figures for the Budget, Revised and Actuals for the year under report together with the actuals of the previous year are summarized below :—

| Particulars. | Actuals 1936-37. | Budget. | Revised. | Actuals. |
|---|---|---|---|---|
| | | 1937-38. | | |
| | Rs. | Rs. | Rs. | Rs. |
| Revenue and Receipts .. | 3,20,58,229 | 3,20,96,154 | 3,27,84,210 | 3,30,16,418 |
| Expenditure .. .. | 3,19,29,489 | 3,29,11,514 | 3,30,38,791 | 3,27,48,184 |
| Surplus .. .. .. | 1,28,740 | .... | .... | 2,68,234 |
| Deficit .. .. .. | .... | 8,15,360 | 2,54,581 | .... |
| Unexpended grants to be renewed during the next year .. .. .. | 4,35,800 | .... | .... | 4,09,600 |

## Comparison of Accounts.

3. *Revenue and Receipts (actuals)* :—The receipts for the year under review were greater than those of the previous year by Rs. 9,58,189 but deducting Rs. 1,48,288 from the actuals for 1937-38 and Rs. 3,90,542 from those of 1936-37 on account of extraordinary receipts, interest on Net Premia Fund and excess interest on Sinking Fund, the ordinary receipts for 1937-38 are greater than those of 1936-37 by Rs. 12,00,443. The important variations are given below :—

| Serial No. | Heads. | Actuals. 1936-37. | Actuals. 1937-38. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | | (In thousands of Rupees.) | | |
| | | Rs. | Rs. | Rs. | Rs. |
| 1 | General Tax .. .. .. | 12,619 | 12,574 | .... | 045 |
| 2 | Town Duty .. .. .. | 1,448 | 1,309 | .... | 139 |
| 3 | Tobacco Duty .. .. | 393 | 414 | 21 | .... |
| 4 | Interest and profit on Investments of surplus loan and other balances .. .. | 195 | 210 | 15 | .... |
| 5 | Miscellaneous .. .. | 259 | 288 | 29 | .... |
| 6 | Water works .. .. | 7,038 | 7,550 | 512 | .... |
| 7 | Education—Primary .. | 786 | 807 | 21 | .... |
| 8 | Public Health .. .. | 82 | 90 | 8 | .... |
| 9 | Medical Relief & Education.. | 123 | 127 | 4 | .... |
| 10 | Street Cleansing, &c. .. | 3,343 | 3,474 | 131 | .... |
| 11 | Roads, Drains & Sewers .. | 1,396 | 1,832 | 436 | .... |
| 12 | Mechanical .. .. .. | 38 | 44 | 6 | .... |

| Serial No. | Heads. | Actuals. 1935-36. | Actuals. 1936-37. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | (In thousands of Rupees). | | | |
| | | Rs. | Rs. | Rs. | Rs. |
| 13 | Buildings, Land Acquisition, &c. .. .. .. | 1,473 | 1,555 | 82 | .... |
| 14 | Fire Brigade .. .. .. | 581 | 585 | 4 | .... |
| 15 | Licensing, &c. .. .. | 390 | 407 | 17 | .... |
| 16 | Markets and Slaughter Houses .. .. .. | 1,199 | 1,246 | 47 | .... |
| 17 | Contribution for Loan Works staff .. .. | 33 | 82 | 49 | .... |
| 18 | Extraordinary Receipts .. | 391 | 148 | .... | 243 |

The decrease (Rs. 45) under General Tax was due to greater receipts from the public (Rs. 302). Improvement schemes properties, (Rs. 20), and from Mills, (Rs. 146), counterbalanced by decreases under General Tax from Government, (Rs. 117), from Port Trust, (Rs. 167) and B. B. & C. I. Railway, (Rs. 228). The decrease of Rs. 139 under Town Duties was due to greater receipts through Port Trust, (Rs. 32), counterbalanced by smaller receipts through G. I. P. Railway, (Rs. 59) and B. B. & C. I. Railway, (Rs. 56). The refund and commission charges were greater by Rs. 57. The increase of Rs. 21 under Tobacco Duty was due to greater amount for $\frac{1}{4}$th of net receipts from Government under Act IV of 1857 as amended by Act I of 1932. The increase of Rs. 15 under interest and profits on Investments of surplus loan and other balances was due to greater investments and higher rates of interest realized. The increase under Miscellaneous (Rs. 29) was due to greater amounts of fines for offences under the Municipal Act (Rs. 23). Sale proceeds of unserviceable tools and plant (Rs. 12) and miscellaneous receipts (Rs. 19), counterbalanced by decreases under Miscellaneous fees (Rs. 3) and rents of buildings and lands (Rs. 22). The increase under Water Works (Rs. 512) was due to increases under all the minor heads. There was greater contribution from Government on account of Education Primary. The increase (Rs. 8) under Public Health was under all the minor heads counterbalanced by a small decrease for sale of rights. The increase (Rs. 4) under Medical Relief and Education was due to greater receipts from the G. S. Medical College and King Edward Memorial Hospital counterbalanced by decreases (Rs. 7) under Miscellaneous fees and rents of buildings and lands. The increase of Rs. 131 under Street-cleansing was due to greater receipts under Halalkhore Tax on rateable value (Rs. 135), sale of rights (Rs. 7), and Miscellaneous fees (Rs. 2), counterbalanced by decreases under Halalkhore Tax for special services (Rs. 7), Miscellaneous receipts (Rs. 4), and Rents of buildings and lands (Rs. 3). The increase of Rs. 436 under Roads, Drains and Sewers was due to increases under all the minor heads. The increase of Rs. 6 under Mechanical was due to greater miscellaneous receipts. The increase (Rs. 82) under Buildings, Land Acquisition and Management was due to greater receipts for ground rent (Rs. 54), and Miscellaneous fees (Rs. 49), counterbalanced by decreases under Rent of Buildings (Rs. 18), and sale of rights and Miscellaneous receipts (Rs. 3). The increase under Fire Brigade (Rs. 4), was due to more Fire Tax from the public (Rs. 18) Mills (Rs. 7), and greater Miscellaneous receipts, counterbalanced by decreases under Fire Tax from Government (Rs. 3), from Port Trust (Rs. 8), and from B. B. & C. I. Railway (Rs. 10). The increase under Licensing and Removal of Encroachments on Public Streets was the result of increases under all the minor heads. The increase under Markets and Slaughter Houses was the net result of increases under all heads except fair, ground and feeding fees (Rs. 2) and cold storage rent (Rs. 2). The contribution from Capital Funds to revenue on account of Loan works staff increased on account of more loan works during the year. The extraordinary receipts on account of interest on net Premia Fund and excess interest on Sinking Fund was Rs. 148 against Rs. 391 last year, (*vide* columns 7 and 8 of Appendix 3 of the Chief Accountant's report).

### Expenditure.

4. The actual expenditure for the year under review was Rs. 3,27,48,184 against Rs. 3,19,29,489 of the previous year or Rs. 8,18,695 greater, which is the net result of increases under General Supervision Rs. 96,783, Water Works Rs. 99,999, Education Primary

Rs. 1,06,177, Education Secondary Rs. 14,270, Public Health Rs. 48,539, Medical Relief and Education Rs. 1,21,324, Street Cleansing Rs. 58,855, Roads Drains and Sewers Rs. 3,22,554, Mechanical Rs. 1,03,119, Buildings, Land Acquisition and Management Rs. 68,354, Fire Brigade Rs. 64,607, Licensing and Removal of Encroachments Rs. 3,680, Gardens and Open Spaces Rs. 199, Markets and Slaughter Houses Rs. 30,839, Contribution towards Improvement Schemes Rs. 2,17,833, counterbalanced by decreases under Provident Fund Pension, &c., Rs. 1,23,937 and Slum Service Rs. 4,14,500 for the last of which there was no expenditure during the year.

## Comparison of the Actuals with the Budget and Revised Estimates.

### *Revenue.*

5. (*a*) *Comparison of the Actuals with the Budget* :—The budget for the year was settled at Rs.3,20,96,154 against which the actuals were Rs. 3,30,16,418 or an increase of Rs. 9,20,264 in the actuals. The important variations were as follows :—

| Heads. | Increase. | Decrease. |
|---|---|---|
| | Rs. | Rs. |
| 1. General Tax, Indirect Taxation, &c.. .. .. | 1,25,580 | .... |
| 2. Water works .. .. .. .. .. .. | 3,69,051 | .... |
| 3. Education—Primary .. .. .. .. .. | 21,570 | .... |
| 5. Public Health Department .. .. .. .. | 11,447 | .... |
| 6. Medical Relief and Education .. .. .. | .... | 9,503 |
| 7. Street Cleansing .. .. .. .. .. | 55,516 | .... |
| 8. Roads Drains and Sewers .. .. .. .. | 3,88,274 | .... |
| 9. Mechanical .. .. .. .. .. .. | 22,281 | .... |
| 10. Buildings, Land Acquisition and Management .. | 1,15,964 | .... |
| 12. Licensing and Removal of Encroachments .. .. | 36,703 | .... |
| 14. Markets and Slaughter Houses .. .. .. | 73,234 | .... |
| 15. Contribution from Capital Funds for Loan Works Staff .. .. .. .. .. .. .. | .... | 1,12,411 |
| 16. Extraordinary receipts .. .. .. .. | .... | 1,81,713 |

The increase under General Tax was due to greater receipts on account of General Tax from the public, Government, Mills, Town Duties through G. I. P. and B. B. & C. I. Railways, Land, Conveyance and Music Licenses, Interest and Profit on Investments, and all the heads under " Miscellaneous " counterbalanced by decreases under General Tax from the Port Trust, Improvement Scheme Properties, G. I. P. and B. B. & C. I. Railways, Town Duties recovered through the Port Trust, greater refund and commission charges on account of town duties, Less receipts on account of tobacco duties and interest and profit on Plant and Machinery Depreciation Fund. The increase under Water works was due to increases under all the minor heads. There was greater contribution from Government for Primary Education. The increase under Public Health was due to more receipts on account of Miscellaneous Receipts, Miscellaneous fees, and rent of buildings and lands, counterbalanced by less receipts for sale of rights. The decrease under Medical Relief and Education was mainly due to more receipts from King Edward Memorial Hospital counterbalanced by smaller receipts for Miscellaneous fees, and receipts from G. S. Medical College. The increase under Street Cleansing, &c., was due to greater receipts under all the minor heads. The increase under Roads, Drains and Sewers was due to greater receipts under all the minor heads except ground rent from private parties in which there was a decrease. There were greater receipts under Mechanical-Miscellaneous Receipts. There were increased receipts under all the minor heads of Buildings, Land Acquisition and Management except Rent of Buildings and Lands, for which there were smaller receipts. There were greater receipts under all the minor heads of Licensing and Removal of Encroachments. Under Markets and Slaughter Houses there were increased receipts under all the minor heads except Cold Storage rent where the actuals fell short of the budget by Rs. 3,247. The Contribution from Capital Funds to Revenue on account of Loan Works staff fell short of the budget by Rs. 1,12,410. The extraordinary receipts on account of interest on Net Premia Fund and excess interest on Sinking Fund went down by Rs. 1,81,712

5. (*b*) **Comparison of the actuals with the Revised estimates** :—The revised estimates were fixed at Rs. 3,27,84,210 against which the actual realizations amounted to Rs. 3,30,16,418 showing an increase of Rs. 2,32,208, being the net result of increases under certain heads to the extent of Rs. 11,18,651 and decreases under others to the extent of Rs. 8,86,442. The increases were chiefly under General Tax from the public, Government, Port Trust, Improvement Scheme properties and Mills, Town duties received through Port Trust, Interest and Profit of investments of surplus loans and other balances, H. Miscellaneous Receipts ; Water works—Water Tax on rateable value, and by measurement, Rent of buildings and lands, Miscellaneous receipts ; Education—primary ; Public Health—Miscellaneous receipts, Miscellaneous fees, rents of buildings and lands ; Medical Relief and Education Receipts from K.E.M. Hospital ; Roads Drains and Sewers—Wheel tax on private and public conveyances, ground rent from telephone company, C Miscellaneous receipts ; Mechanical Miscellaneous receipts ; Building, Land Acquisition and management—Rent of buildings, Sale of rights, Miscellaneous receipts and Miscellaneous fees ; Fire Brigade—Fire tax from the public and Government and Miscellaneous receipts ; Licensing and Removal of Encroachments—Licenses for squatters and hawkers, Miscellaneous advertisements ; Markets and Slaughter houses—all the minor heads ; The decreases were chiefly under, General Tax, from G. I. P. and B. B. & C. I. Railways ; Town Duties—through G. I. P. and B. B. & C. I. Railways, Interest and Profit on Plant and Machinery Depreciation Fund ; Water works—Rent of Water meters, and compounded tax ; Medical Relief and Education,—Miscellaneous fees, Receipts from G. S. Medical College ; Halalkhore tax on rateable value ; Roads, Drains and Sewers—Ground Rent from private parties-Buildings, Land Acquisition and Management—ground rent ; Fire Brigade—Fire tax from the Port Trust, G. I. P. and B. B. & C. I. Railways ;—Licenses for dangerous and offensive trades ; Contribution from Capital Funds to Revenue on account of loan works staff ; and interest on Net Premia Fund and excess interest on Sinking Fund.

EXPENDITURE.

6. *Comparison of the actuals and the Budget* :—The budget for the year provided for an expenditure of Rs. 3,29,11,514 against which the actuals amounted to Rs. 3,27,48,184 showing a decrease of Rs. 1,63,330. The increases and decreases are shown below by major heads :—

| | Heads. | Increase. | Decrease. |
|---|---|---|---|
| | | Rs. | Rs. |
| I | General Supervision, Collection of Revenue .. | .... | 70,293 |
| II | Water Works.. .. .. .. .. .. | .... | 30,105 |
| III | Education—Primary .. .. .. .. | 34,996 | .... |
| IV | Education—Secondary .. .. .. .. | .... | 2,085 |
| V | Public Health Department .. .. .. .. | 19,561 | .... |
| VI | Medical Relief and Education .. .. .. | 36,101 | .... |
| VII | Street Cleansing and Conservancy.. .. .. | .... | 12,032 |
| VIII | Roads, Drains and Sewers .. .. .. .. | .... | 33,819 |
| IX | Mechanical .. .. .. .. .. .. | .... | 55,283 |
| X | Buildings, Land Acquisition and Management .. | .... | 27,144 |
| XIII | Gardens and Open Spaces .. .. .. .. | .... | 14,248 |
| XIV | Markets and Slaughter Houses .. .. .. | .... | 26,300 |
| XV | Contribution towards Improvement Schemes .. | 19,824 | .... |
| XVI | Provident Fund, Pensions, &c. .. .. .. | 5,532 | .... |

The decrease under General Supervision was mainly due to increases under A—General Superintendence, E—Miscellaneous charges, counterbalanced by decreases under B—Collection of Revenue, and F—Election expenses. The decrease under Water Works was due to increases under A—Establishment and Labour, B—Repairs and Maintenance, D—Miscellaneous and Provident Fund and Pension charges, counterbalanced by decreases under C—Meters, Proportion of General Supervision and Collection of Revenue, New Works, and Debt charges. The increase under Education-Primary was under A—Municipal Institutions counterbalanced by decreases under B—Aided Institutions, and New Works. The decrease under Education—Secondary was due to decreases under A—Municipal Institutions and B—Aided Institutions. The increase under Public Health Department was under B—Epidemics and C—Vaccination, counterbalanced by decreases under D—Malaria, and E—Miscellaneous. The increase under Medical Relief and Education was under A—Hospitals and Dispensaries, F—Dispensary for combating venereal diseases, counterbalanced by decreases under D—Grant in aid, E—Anti-Tuberculosis dispensaries, G—Hospital for Leprosy, H—King Edward Memorial Hospital,

G. S. Medical College, New Works, and Debt Charges. The decrease under Street Cleansing and Conservancy was under A Street Cleansing and Conservancy, Transport of Refuse, &c., to Deonar, Road Watering, D—Halalkhore service, and Debt charges, counterbalanced by an increase under New Works. The decrease under Roads, Drains and Sewers was under A—General, Maintenance of Roads, Public Lighting, Cleansing of Drains, New Works, and Debt Charges counterbalanced by increase under Rebate on account of Compounded Wheel Tax. The decrease under Mechanical was under Mechanical Engineer's Office Establishment, Pumping and Compressor stations, E—Refrigerator and New Works, counterbalanced by increases under Supervision of Factories and D—Transport. The decrease under Buildings, Land Acquisition and Management was under Inspection and Supervision of Private Buildings, Architectural, Land Acquisition and Management, New Works and Debt Charges counterbalanced by an increase under City Engineer's Establishment. The decrease under Gardens and Open spaces was mainly under A—Gardens. The decrease under Markets and Slaughter Houses was under (*a*) Central Office, (*b*) Municipal Markets, (*c*) Slaughter Houses, (*d*) Administering the Weights and Measures Act, Provident Fund and Pension, Proportion of General Superintendence and New Works. Against the budget provision of Rs. 3,42,000 for Contribution towards Improvement Schemes the actual was Rs. 34,40,224. There were increases under A—Provident Fund and B—Pensions. Appendix No. 4 of the Chief Accountant's Report gives the actuals for 1937-38, final grants, unexpended balances, amounts required for renewal in 1938-39 and savings. The actual results of the last five years are given below :—

| Year. | Receipts. | Expenditure. | Surplus. | Deficit. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| 1933-34 .. .. | 3,14,15,971 | 3,25,51,599 | .... | 11,35,628 |
| 1934-35 .. .. | 3,19,33,106 | 3,16,19,059 | 3,14,047 | .... |
| 1935-36 .. .. | 3,23,76,453 (*a*) | 3,12,97,539 | 10,78,914 | .... |
| 1936-37 .. .. | 3,20,58,229 (*b*) | 3,19,29,489 | 1,28,740 | .... |
| 1937-38 .. .. | 3,30,16,418 (*c*) | 3,27,48,184 | 2,68,234 | .... |

(*a*) Includes Rs. 11,90,320, (*b*) Rs. 3,90,541, and (*c*) Rs. 1,48,287 on account of interest on the Net Premia Fund and excess interest on Sinking Fund.

*Lapsed Grants.*—The amounts of lapsed grants estimated to be renewed during the year 1938-39 aggregate Rs. 4,09,600 against Rs. 4,35,800 in 1937-38, showing a decrease of Rs. 26,200. The details are given in Appendix 4 of the Chief Accountant's Report.

7. *Loan Funds :*—In the Loan Works Budget for the year under review a provision of Rs. 30 lakhs for a new loan was made, also a provision of Rs. 6 lakhs was made as part of the loan of 1936-37. It was also proposed to obtain a temporary advance of Rs. 14 lakhs from the Land Sales Reserve Fund. Considering the actual expenditure during 1936-37 and the probable expenditure during 1937-38 the proposed loan of Rs. 30 lakhs was not raised. The loan of Rs. 6,00,000 was reserved for investments of the Municipal Sinking and Special Funds. In addition to this, an advance of Rs. 18,75,000 was taken from the Lands Sales Reserve Fund and Rs. 1,91,500 was taken as an advance from Special Funds for the purchase of plant and machinery. The actual expenditure booked was Rs. 32,89,554-7-4 inclusive of Rs. 58,101-10-0 expended from the Worn-out Water Mains Renewal Fund, Rs. 6,000-14-0 on account of discount and other charges on loans, and Rs. 1,91,371-2-0 on account of plant and machinery. The total amount repaid during the year in liquidation of Municipal debt was Rs. 2,967,477 as per following details :—

| | Rs. | a. | p. |
|---|---|---|---|
| *Loans from Government.* | | | |
| Vehar Waterworks debt .. .. .. .. .. .. .. | 61,901 | 10 | 0 |
| Repayment of loans from Government .. .. .. .. .. .. | 28,15,513 | 9 | 0 |
| Total .. | 28,77,415 | 3 | 0 |
| *Loans from the Public* .. .. | 7,000 | 0 | 0 |
| Equated payments of the advances from several Special Funds .. .. | 83,061 | 11 | 0 |
| Grand Total .. | 29,67,476 | 14 | 0 |

A sum of Rs. 911-13-0 was met from the Net Premia Fund on account of repayment of loans representing the difference between the market value and book value of the securities

withdrawn from the Sinking Fund. (Rs. 6,088-3-0). Under Loan Funds inclusive of Trust Funds the balance on 1st April 1937 was Rs. 7,03,835-8-1. (Loan Funds Rs. 5,96,403-5-10 and Trust Funds Rs. 1,07,432-2-3). The loans raised during the year amounted to Rs. 26,66,500 and the expenditure for Loan Works amounted to Rs. 32,31,452-13-4. The Trust Fund receipts during the year were Rs. 799-4-0 on account of interest, and a donation of Rs. 1,50,000 from Mr. Maneklal Premchand for the Tuberculosis Hospital at Sewree, thus the balance available at the end of the year was Rs. 2,89,681-14-9 (Loan Funds Rs. 31,450-8-6 and Trust Funds Rs. 2,58,231-6-3).

8. *Loan Funds Expenditure.*—The following statement gives figures for the budget, revised and actuals for the year under report together with the actuals of the previous year for comparison.

| Particulars. | Actuals. | Budget. | Revised. | Actuals. |
|---|---|---|---|---|
| | 1936-37. | 1937-38. | | |
| | Rs. | Rs. | Rs. | Rs. |
| Loan and Trust Funds .. | 17,13,547 | 59,20,674 | 60,71,195 | 32,31,453 |

The budget (Rs. 59,20,674) includes Rs. 50,000 on account of discount and other charges on the new loan and Rs. 2,31,300 on account of plant and machinery.

The revised Rs. 60,71,195 includes Rs. 30,500 on account of discount and other charges on the new loan and an unallocated amount of Rs. 8,42,401.

The actuals Rs. 32,31,453 include Rs. 6,001 on account of discount and other charges on loans and Rs. 1,91,371 on account of plant and machinery. The actuals fell short of the budget (59,20,674) by Rs. 26,89,221 and the revised (Rs. 60,71,195) by Rs. 28,39,742 (*vide* paras 18 and 19 of the Chief Accountant's Report).

9. *Suspense and Advance Accounts.*—A regular budget estimate of receipts and payments under these heads is prepared every year and submitted to the Corporation for sanction. The actual transactions under the several heads closely follow the estimates due to particular care being taken by the Account Office in framing them. The balances under the following heads on 31st March 1938 compare with those on the same date of the previous year as follows :—

| | Heads. | Balance on 31st March 1937. | | | Balance on 31st March 1938. | | |
|---|---|---|---|---|---|---|---|
| | | Rs. | a. | p. | Rs. | a. | p. |
| 1. | Departmental Works .. .. .. .. | 24,180 | 2 | 7 | 85,928 | 9 | 4 |
| 2. | Private Works .. .. .. .. .. | 48,694 | 12 | 6 | 55,617 | 9 | 7 |
| 3. | Asphalt Plant and Crushers .. .. .. | 50,928 | 5 | 2 | 82,522 | 6 | 6 |
| 4. | Municipal Officers .. .. .. .. | 29,194 | 9 | 6 | 30,398 | 5 | 6 |
| 5. | Purchase of petrol .. .. .. .. | 6,963 | 5 | 6 | 10,403 | 0 | 0 |
| 6. | Purchase of coal .. .. .. .. | 2,019 | 13 | 0 | 4,464 | 6 | 0 |
| 7. | Advances for purchase of Machinery .. | 1,61,745 | 14 | 0 | 1,40,066 | 12 | 0 |
| 8. | Levelling and Metalling Streets .. .. | 38,389 | 15 | 3 | 47,575 | 11 | 7 |
| 8*a*. | Sundry Miscellaneous Advances .. .. | 1,34,519 | 13 | 7 | 1,29,064 | 9 | 5 |
| 8*b*. | Fines Fund .. .. .. .. .. | .... | | | 5,000 | 0 | 0 |
| 9. | Advances from Net Premia Fund for meeting claim of Bombay Port Trust for refund of excess amount of general tax .. .. | .... | | | 5,35,000 | 0 | 0 |
| 10. | Advances from Municipal Fire, Accident and Insurance Fund for Capital Works .. | 4,72,170 | 14 | 0 | 4,62,142 | 11 | 0 |
| 11. | Advances from Fines Fund for Capital Works | 2,83,302 | 9 | 0 | 2,77,285 | 11 | 0 |
| 12. | Advances from Plant and Machinery Depreciation Fund for financing Capital Works.. | 12,23,551 | 15 | 0 | 11,98,315 | 1 | 0 |
| 13. | Advances from Road Surfaces Renewal Fund for Capital Works .. .. .. | 10,21,276 | 4 | 0 | 10,00,099 | 3 | 0 |
| 14. | Advances from Net Premia Fund .. .. | 9,27,234 | 6 | 0 | 10,98,131 | 11 | 0 |
| 15. | Land Sales Reserve Fund .. .. .. | .... | | | 18,75,000 | 0 | 0 |

The increase under Departmental Works was due to increases of Rs.1,551 under Water Works, Rs. 6,358 under Printing Press, Rs.13,288 under Workshops, Rs. 336 under Architectural Branch and Rs. 40,215 under Roads, Buildings and Drainage. The increase (Rs. 6,923) under Private Works was due to increases under Workshops (Rs. 386), Water Works Rs. 3,728, Roads, Buildings and Drainage Rs. 841, Architectural Branch Rs. 1,843, counterbalanced by a decrease of Rs. 149 under Health Department. There was a new debit of Rs. 273 under Printing Press. The increase of Rs. 31,594 under Asphalt Plant, Crushers, etc., was the result of an increase of Rs. 54,405 under Asphalt Plant and Rs. 305 under Mechanical Transport counterbalanced by decreases of Rs. 8,940 under Sewri Crushers, and Rs.14,375 under Love Grove Crushers. The increase of Rs. 1,203 under Municipal Officers was the result of increases of Rs. 405 under Standing Advances for Contingent Expenses, and Rs. 919 under Motor Cars and Motor Cycles to Officers, counterbalanced by a decrease of Rs. 120 under Cycle Advances to Subordinates. There was an increase of Rs. 3,440 under Purchase of Petrol, and of Rs. 2,444 under Purchase of Coal.

The charges met out of the Fines Fund amounted to Rs. 43,703-7-11 and the credits to Rs. 38,703-7-11 leaving a balance of Rs. 5,000.

10. *Reserve Stores Account.*—The outstanding balances on 31st March 1937 and 31st March 1938 are compared below :—

| Particulars. | Balance on 31st March 1937. | Balance on 31st March 1938. |
|---|---|---|
| | Rs. a. p. | Rs. a. p. |
| 1. General Store Department .. .. | 1,61,109 3 3 | 2,21,677 15 3 |
| 2. General Surplus and Obsolete Stores .. | 42,797 10 1 | 40,349 5 5 |
| 3. Capital Stores .. .. .. .. | 1,12,079 13 3 | 1,90,295 8 3 |
| 4. Line Suspense Account .. .. .. | 85,858 0 5 | 85,643 0 5 |
| 5. Line, Surplus and Obsolete Stores .. | 27,923 14 4 | 27,923 14 4 |
| 6. Water Works .. .. .. .. | 3,324 6 0 | 3,608 5 2 |
| 7. City Engineer's Department (Works Engineer) .. .. .. .. | 20,995 8 7 | 20,496 7 0 |
| 8. StoreSales .. .. .. .. | 10,425 12 0 | 36,171 5 0 |
| 9. Stock Adjustment Account .. .. | —1,824 12 2 | —2,137 8 11 |
| Total .. | 4,62,689 7 9 | 6,24,028 3 11 |

The increase in the total balance is distributed under heads 1, 3, 6, 8 and 9 counterbalanced by decreases under 2, 4 and 7. The balance under 5 continued the same. Agreeably to the instructions contained in Clause XXIX of the Stores Audit Manual, a balance sheet of the General Stores Department is attached.

11. *Deposits.*—The outstanding balance on 31st March 1938 amounted to Rs. 91,10,639-9-10 against Rs. 44,82,064-13-7 on the same date of the previous year. (Details are given in Appendix 14C, of the Chief Accountant's Report). The increases are under A—Cash Deposits from Contractors, B—Cash Deposits from Private Parties through Departmental Officers, E—Paper Deposits kept in Office, F—Paper Deposits from Municipal Employees and Contractors lodged with the Imperial Bank of India and G—Paper Deposits from Lessees, etc., lodged with the Imperial Bank of India, counterbalanced by decreases under C—Other Cash Deposits and D—Cash Deposits from Lessees.

12. *Cheques Payable.*—The outstanding balance on 31st March 1938 was Rs. 2,87,726 7-9 against Rs. 4,44,185-1-4 on the same date last year.

13. *Cash Bills Outstanding Account.*—The balance on 31st March 1938 was Rs. 22,124-2-8 against Rs. 24,734-0-1 on the same date last year. This amount represents the aggregate amount of bills for and below Rs. 100 passed for payment on and before 31st March 1938 and charged off in the accounts by debit to the proper service heads but not paid during the year. The details are Rs. 3-5-0 for 1934-35, Rs. 3,596-8-10 for 1935-36, Rs. 2,701-5-9 for 1936-37 and Rs. 15,822-15-1 for 1937-38.

14. *Commissioner's Discretional Contingencies.*—The expenditure incurred during the year under review from the Commissioner's Discretional Contingencies amounted to Rs. 3,467-9-0 against the sanctioned grant of Rs. 4,148. The details are given in the statement appended.

15. *Sinking Funds.*—According to the orders of the Corporation in their Resolution No. 5294, dated the 19th November 1888, the Municipal Auditors are required to certify at the end of each official year that all Sinking Fund investments have been made. The accumulated balance on account of the Sinking Funds of the several loans amounted to Rs. 3,01,53,328-4-4 (Rs. 3,01,53,221-3-2 being the cost of securities of the face value of Rs. 3,15,51,500 and £25,000 and Rs. 107-1-2 in cash) as per following details. The safe custody receipts, given by the Imperial Bank of India for securities, were examined and found in order. The cash balance in the current account with the Imperial Bank of India in the Sinking Fund Pass Book was verified. The registers maintained in the Chief Accountant's Office for recording the transactions of the Sinking Funds were examined and found in order:—

| Particulars of Securities. | Face Value. | | |
|---|---|---|---|
| | Rs. | a. | p. |
| 3 per cent. Bombay Municipal Debentures .. .. .. .. | 12,47,800 | 0 | 0 |
| 4 „ „ „ „ .. .. .. .. | 1,33,79,600 | 0 | 0 |
| 5 „ „ „ „ .. .. .. .. | 50,37,000 | 0 | 0 |
| 6 „ „ „ „ .. .. .. .. | 79,000 | 0 | 0 |
| 4 „ Bombay Improvement Trust Debentures.. .. .. | 32,91,500 | 0 | 0 |
| 4 „ Government of India Loan 1960-70 .. .. .. | 49,03,600 | 0 | 0 |
| 3½ „ „ „ „ 1947-50 .. .. .. | 26,10,800 | 0 | 0 |
| 4½ „ „ „ „ 1955-60 .. .. .. | 5,00,000 | 0 | 0 |
| 5 „ „ „ „ 1940-43 .. .. .. | 5,02,200 | 0 | 0 |
| Total .. | 3,15,51,500 | 0 | 0 |
| 4 per cent. Bombay Improvement Trust Sterling Debentures .. | £25,000 | 0 | 0 |
| Total book value of the above as per Appendix 16-A of the Chief Accountant's Report .. .. .. .. .. .. .. | 3,01,53,221 | 3 | 2 |
| Cash in current account with the Imperial Bank of India .. .. | 107 | 1 | 2 |
| Grand Total .. | 3,01,53,328 | 4 | 4 |

16. *Interest Warrants Payable Account.*—The amounts outstanding on 31st March 1938 in the Imperial Bank of India pass books were Rs. 34,708-3-7 on account of Municipal loans and Rs. 4,901-15-0 on account of Improvement Scheme loans against Rs. 43,547-11-7 on the same date last year on account of interest on Municipal loans and Rs. 22,639-6-4 on account of interest on the Bombay Improvement Trust loans. Out of Rs. 2,028-15-4 on account of

interest on the Bombay Improvement Trust Loans payable account, Rs. 1,188-15-4 was remaining unpaid in the Hongkong Bank, Bombay, Rs. 800 in the Chartered Bank of India, London, and Rs. 40 with the Imperial Bank of India, Calcutta, on account of interest on Trust Loans paid by them.

## Invested Balances.

17. *Surplus Funds.*—The Surplus Funds on 31st March 1938 amounted to Rs. 97,46,253 8-2 against Rs. 79,80,805-9-4 on the same date last year showing an increase of Rs. 17,65,447-14 10. The details are given below :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| (*a*) | In public securities deposited with the Imperial Bank of India of the face value of Rs. 6,57,100 .. .. .. .. | 6,13,474 | 4 | 0 |
| (*b*) | In current account with the following Banks :— | | | |
| | Post Office Savings Bank .. .. .. .. .. | 1,017 | 1 | 4 |
| | Chartered Bank of India, Australia and China .. .. | 2,75,026 | 14 | 10 |
| | Hongkong and Shanghai Banking Corporation .. .. | 74,245 | 3 | 11 |
| | National Bank of India, Ltd. .. .. .. .. | 74,022 | 13 | 3 |
| | Lloyds Bank, Ltd. .. .. .. .. .. .. | 49,575 | 14 | 4 |
| | Central Bank of India, Ltd. .. .. .. .. .. | 7,50,851 | 4 | 1 |
| | Mercantile Bank of India, Ltd. .. .. .. .. | 4,74,185 | 2 | 0 |
| | Comptoir National D'Escompte de Paris .. .. .. | 24,137 | 2 | 5 |
| | Yokohama Specie Bank, Ltd. .. .. .. .. | 19,061 | 10 | 11 |
| | P. & O. Banking Corporation .. .. .. .. | 24,747 | 2 | 5 |
| | National City Bank of New York .. .. .. .. | 23,804 | 14 | 10 |
| | Allahabad Bank, Ltd. .. .. .. .. .. | 2,40,877 | 7 | 10 |
| | Eastern Bank, Ltd. .. .. .. .. .. .. | 5,62,514 | 13 | 11 |
| | Imperial Bank of India .. .. .. .. .. | 558 | 15 | 6 |
| | Bank of India, Ltd. .. .. .. .. .. .. | 75,152 | 10 | 7 |
| | Total (*b*) .. | 26,70,379 | 4 | 2 |
| (*c*) | Fixed Deposits with Banks .. .. .. .. .. | 64,62,400 | 0 | 0 |
| | Grand Total .. | 97,46,253 | 8 | 2 |

18. *Loan and Trust Funds.*—The balance on 31st March 1938 was Rs. 2,89,681-14-9 against Rs.7,03,835-8-1 on the same date of the previous year. The details are given below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Public Securities with the Imperial Bank of India of the face value of Rs. 1,09,100 .. .. .. .. .. .. .. | 1,06,766 | 0 | 0 |
| Fixed Deposits in Banks .. .. .. .. .. .. | 1,82,900 | 0 | 0 |
| Cash with the Imperial Bank of India .. .. .. .. | 15 | 14 | 9 |
| Total .. | 2,89,681 | 14 | 9 |

The above amount includes Rs. 2,58,231-6-3 on account of Trust Funds.

19. *Reserve and Special Funds.*—The balances of the Reserve and Special Funds on 31st March 1938 are given below. The safe custody receipts given by the Imperial Bank of India for the Securities were examined and found correct. The receipts for the fixed deposits in the banks were seen and found in order. The cash balances in the current accounts with the

several Banks were compared with the registers maintained in the Account Office and the pass books of the several Banks and found to agree with the balances shown below. The several registers for these investments maintained in the Account Office were examined and found in order.

| Name of Fund. | Face Value. | Actual Cost. | Cash Balance. | Total. |
|---|---|---|---|---|
| | Securities. | | | |
| | Rs. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| (1) Municipal Fire and Accident Insurance Fund .. .. .. | 4,85,500 | 4,49,521 7 0 | 112 12 8 | 4,49,634 3 8 |
| (2) Net Premia Fund .. .. .. | 2,96,300 | 2,61,963 14 6 | 31,96,520 14 5 | 34,58,484 12 11(*a*) |
| (3) Provident Fund .. .. .. | 1,51,51,900 | 1,35,61,623 8 9 | 361 12 5 | 1,35,61,985 5 2 |
| (4) Fines Fund .. .. .. .. | 2,02,600 | 1,89,462 0 0 | 13 4 8 | 1,89,475 4 8 |
| (5) Plant and Machinery Depreciation Fund .. .. .. .. | 3,47,700 | 3,36,629 3 0 | 1,44,236 11 2 | 4,80,865 14 2(*b*) |
| (6) Renewal of Road Surfaces Fund.. | 8,01,200 | 7,34,718 0 0 | 4,52,441 2 2 | 11,87,159 2 2(*c*) |
| (7) Gardens Fund .. .. .. | 59,000 | 54,491 0 0 | 25 10 0 | 54,516 10 0 |
| (8) Hospital Fund .. .. .. | 2,86,700 | 2,83,073 3 0 | 159 3 5 | 2,83,232 6 5 |
| (9) Land Sales Reserve Fund .. | ..... | ..... | 3,65,996 15 0 | 3,65,996 15 0(*d*) |
| (10) Slum Service Funds .. | ..... | ..... | 2,89,284 4 4 | 2,89,284 4 4(*e*) |
| (11) K. E. M. Hospital and G. S. M. College Equipment Fund .. | 19,700 | 19,028 6 0 | 103 10 0 | 19,132 0 0 |
| (12) Research Fund .. .. .. | ..... | ..... | 7,184 2 4 | 7,184 2 4(*f*) |
| (13) Public Monuments Maintenance Fund .. .. .. .. | 1,16,000 | 1,10,683 15 0 | .... | 1,10,683 15 0 |
| (14) Endowment Fund .. .. .. | 1,29,300 | 1,19,550 2 0 | .... | 1,19,550 2 0 |
| (15) Worn-out Water Mains Renewal Fund .. .. .. .. | 1,07,000 | 84,954 13 0 | 323 0 8 | 85,277 13 8 |
| Total .. | 1,80,02,900 | 1,62,05,699 8 3 | 44,56,763 7 3 | 2,06,62,462 15 6 |

*Note*—(*a*) Includes Rs. 31,96,300, (*b*) Includes Rs. 1,44,000, (*c*) Includes Rs. 4,52,400, (*d*) Includes Rs. 3,65,800, (*e*) Includes Rs. 2,89,200, and (*f*) Includes Rs. 7,000 as Fixed Deposits in Banks.

20. *Levelling and Metalling of Private Streets.*—Under Corporation Resolution No. 11147, dated the 27th January 1926, the charges on this account are met, out-of, and recoveries credited to, the Plant and Machinery Depreciation Fund. The following figures disclose the state of the Fund :—

| | Rs. a. p. |
|---|---|
| Balance on 1st April 1937 .. .. .. .. .. | 38,389 15 3 |
| *Add*—Expenditure during the year .. .. .. .. .. | 23,339 2 3 |
| Interest charges during the year .. .. .. .. | 2,228 0 1 |
| Total .. | 63,957 1 7 |
| *Deduct*—Recoveries during the year .. .. .. .. | 12,120 11 11 |
| Recoveries of interest .. .. .. .. .. | 4,260 10 1 |
| Total .. | 16,381 6 0 |
| Balance due to the Plant and Machinery Depreciation Fund on 31st March 1938 .. .. .. .. .. .. .. | 47,575 11 7 |

In view of the excess of expenditure over the receipts during the year, the balance outstanding on 1st April 1937 *viz.*, Rs. 38,389-15-3 increased to Rs. 47,575-11-7.

21. *Conversion of Insanitary Basket Privies into Water-Closets.*—A scheme for converting the basket privies into water-closets by payment of subvention to landlords was sanctioned by the Corporation in their Resolution No. 2087, dated the 14th June 1927. The scale of subvention varied and Rs. 100 paid for each privy converted in the beginning of the operations was reduced to Rs. 75 from 1st October 1929 and to Rs. 50 from 1st May 1931 to 30th November 1931. The total expenditure upto 31st March 1938 was 1928-29 Rs. 90,400, 1929-30 Rs. 4,75,200, 1930-31 Rs. 6,75,000, 1931-32 Rs. 5,00,000, 1932-33 Rs. 2,50,000, 1933-34 Rs. 98,450, 1934-35 Rs. 7,600, 1935-36 Rs. 2,050, 1936-37 Rs. 775, 1937-38 Rs. 300—Total Rs. 20,99,775.

22. *Safe Custody Receipts and Fidelity Bonds.*—The safe custody receipts granted by the Imperial Bank of India for public securities received from contractors and Municipal employees were examined with the registers maintained in the Account Office and found to be in order.

The fidelity bonds given for Municipal officers and servants by the Guarantee Companies and Associations were also examined and found in order (Corporation Resolution No. 2930, dated the 15th June 1891).

23. *Outstanding Bills of Rates and Taxes and Riot Tax :* (Town Council Resolution No. 1455, dated the 6th October 1879.)—A reference is invited to the auditor's letter dated 22nd August 1938 and to the appendices thereto in respect of the scrutiny of outstanding bills of Rates and Taxes and Riot Tax on 31st March 1938. (Printed with the Administration Report.)

IMPROVEMENT SCHEMES.

24. The following statement gives the actual as well as budgetted and revised financial position for the year under review together with the actuals of the previous year for comparison:

| Particulars. | Actuals. | Budget. | Revised. | Actuals. |
|---|---|---|---|---|
| | 1936-37. | 1937-38. | | |
| | | (In thousands of Rupees(· | | |
| | Rs. | Rs. | Rs. | Rs. |
| Receipts .. .. .. .. | 100,31 | 102,33 | 102,24 | 102,57 |
| Expenditure .. .. .. .. | 99,15 | 100,71 | 99,87 | 96,88 |
| Surplus .. .. .. .. | 1,16 | 1,62 | 2,37 | 5,69 |

GENERAL ACCOUNT—INCOME.

25. The figures for the budget, revised and actuals under each head for the year under review together with the actuals of the previous year are given below :—

| Detailed Heads. | 1936-37. | 1937-38. | | |
|---|---|---|---|---|
| | Actuals. | Budget. | Revised. | Actuals. |
| | (In thousands of Rupees.) | | | |
| | Rs. | Rs. | Rs. | Rs. |
| (1) Rent and other proceeds of properties .. .. .. | 51,16 | 51,50 | 50,94 | 50,52 |
| (2) Tobacco Duty .. .. .. | 11,79 | 12,79 | 12,42 | 12,43 |
| (3) Interest and profit on investments .. .. .. .. | 4,87 | 3,36 | 4,00 | 4,61 |
| (4) Miscellaneous receipts .. .. | ·27 | ·48 | ·48 | ·61 |
| (5) Contribution by the Municipal Corporation under Section 125(3) (*d*) of the Municipal Act .. .. .. .. | 32,22 | 34,20 | 34,40 | 34,40 |
| Total .. | 100,31 | 102,33 | 102,24 | 102,57 |

*Comparsion of Actuals*—1937-38 *and* 1936-37.—The actuals for the year under report (102-57) show an increase of Rs. 2.26 when compared with those of the previous year. The increases were Rs. .64 in (2), Rs. .34 in (4) and Rs. 2.18 in (5) counterbalanced by decreases of Rs. .64 in (1) and Rs. .26 in (3).

*Comparison of Actuals with Budget.*—Compared with the budget, there was an increase of Rs. .24 in the total due to an increase of Rs. 1.25 in (3), Rs. .13 in (4) and Rs. .20 in (5) counterbalanced by decreases of Rs. .98 in (1) and Rs. .36 in (2). Compared with the revised, there were increases of .01 in (2), Rs. .61 in (3) and Rs .13 in (4) counterbalanced by a decrease of Rs. .42 in (1). There was neither increase nor decrease in (5).

## Revenue Expenditure.

26. The following statement gives the details of expenditure for comparison :—

| Particulars. | Actuals. | Budget. | Revised. | Actuals. |
|---|---|---|---|---|
| | 1936-37. | 1937-38. | | |
| | (In thousands of Rupees.) | | | |
| (1) Maintenance of properties and streets and cost of management and establishment .. | Rs. 13·94 | Rs. 16·23 | Rs. 16·58 | Rs. 13·81 |
| (2) Debt charges .. .. .. | 85·21 | 84·48 | 83·29 | 83·07 |
| Total .. | 99·15 | 100·71 | 99·87 | 96·88 |

*Comparison of Actuals.*—Compared with the actuals of 1936-37 there was a decrease of Rs. 2.27 in the total, of Rs. .13 in (1) and of Rs. 2.14 in (2). Compared with the budget there was a decrease of Rs. 2.42 in (1) and Rs. 1.41 in (2). Compared with the revised, there was a decrease of Rs. 2.77 in (1) and of Rs. .22 in (2). The surplus for the year amounted to Rs. 5.69.

## Capital Account.

27. The state of the capital account was as under :—

| | Rs. |
|---|---|
| Balance on 1st April 1937 .. .. .. .. .. | 33,64,571 |
| Receipts from sale of lands, etc. .. .. .. .. .. | 21,63,881 |
| Release of debentures deposited with Government in connection with the consolidated loan .. .. .. .. .. | 42,40,000 |
| Transfer from General Account, Receipts .. .. .. | 5,68,780 |
| Total .. | 1,03,37,232 |
| **Expenditure.** | |
| Acquisition and Works .. .. .. .. .. .. | 9,50,450 |
| Repayment of Loan .. .. .. .. .. .. | 29,28,500 |
| Total .. | 38,78,950 |
| Closing Balance on 31st March 1938 .. .. .. .. | 64,58,282 |

The balance of Rs. 64,58,282 consists of public securities of the face value of Rs. 65,11,300 (actual cost Rs. 64,58,106) and Rs. 174-13-1 with the Imperial Bank of India (*vide* Appendix 25 and para 45 of the Chief Accountant's Report.)

## Sinking Funds.

28. The accumulated balances of the Sinking Funds of the various loans pertaining to the Improvement Schemes aggregated Rs. 2,10,01,544-14-11 on 1st April 1937. During the year the interest, etc., realizations amounted to Rs. 9,56,614. The Sinking Fund instalments amounted to Rs. 6,15,241. The withdrawal for repayment amounted to Rs. 76,500. The balance on 31st March 1938 therefore amounted to Rs. 2,24,96,899-14-11. The closing balance consisted of public securities of the face value of Rs. 2,14,52,400 and £90,800 (book value Rs. 2,24,96,549) and cash with bank Rs. 350-14-11, total Rs. 2,24,96,899-14-11 (*vide* Appendix 28 and para 47 of the Chief Accountant's Report).

The safe custody receipts granted by the Imperial Bank of India for the securities lodged with it were examined and found in order. The cash balance was verified with the Bank Pass Book.

GENERAL BALANCES.

29. The cash balances in the Office treasury and in the current account with the Imperial Bank of India on 31st March 1938 were as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| (*a*) Cash in Office Treasury .. .. .. .. .. .. | 233 | 0 | 10 |
| (*b*) Securities in Office Treasury .. .. .. .. | 43,66,700 | 0 | 0 |
| Total (*a*) and (*b*) .. | 43,66,933 | 0 | 10 |
| (*c*) Balance as per Pass Book .. .. .. .. | 3,47,173 | 13 | 8 |
| *Add*—Cheques paid into the bank on 31st March 1938 to be realized on 1st April 1938 .. .. .. .. | 1,47,054 | 6 | 7 |
| Total (*c*) .. .. | 4,94,228 | 4 | 3 |
| *Deduct*—Amount of cheques delivered but not presented for payment .. .. .. .. .. .. | 51,717 | 13 | 3 |
| | 4,42,510 | 7 | 0 |
| Grand total (*a*, *b* and *c*) | 48,09,443 | 7 | 10 |

The cash in Office treasury with the Cashier was counted and found correct. The public securities in the Office treasury in charge of the Senior Accountant were examined and agreed with the balance shown above.

MUNICIPAL OFFICE,
BOMBAY,
15*th September* 1938.

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

*Statement of charges from the Municipal Commissioner's discretional contingencies grant during* 1937-38.

| Sanctioning Authority. | No. and date of sanction. | Particulars of charges. | Amount. | | | Remarks. |
|---|---|---|---|---|---|---|
| | | | Rs. | a. | p. | |
| Municipal Commissioner .. | EM/567 of 1st June 1936. | Travelling charges of Mr. E. G. Cameron, Mechanical Engineer, in connection with his visits while in England to various sewage installations and investigating the means adopted for disposal of gas. | 267 | 0 | 0 | |
| Municipal Commissioner .. | EM/1537 of 7th May 1937. | Payment to the Bombay Telephone Co., Ltd., for replacing Fire Alarm Pillar damaged by a Municipal Meat Van. | 145 | 15 | 0 | |
| Municipal Commissioner .. | CE/457/SR of 3rd June 1937. | Pay for two months of the driver of a spare car used by Members of Committees. | 89 | 10 | 0 | |
| Municipal Commissioner .. | EM/147 of 18th June 1937. | Charges in connection with the visit of the members of the Works Committee to Tansa Lake. | 239 | 6 | 0 | |
| Corporation Resolution .. | 192 of 21st June 1937. | Payment to the B.E.S.&T. Co., Ltd., for damage to their aerial caused by the Health Department Refuse Lorry. | 148 | 0 | 0 | |
| Municipal Commissioner .. | SR/457 of 24th June 1937. | Pay of a Chauffeur for the Mayor's Car. | 20 | 8 | 0 | |
| Municipal Commissioner .. | SR/7157 of 17th September 1937. | Printing examination papers for Head Clerks' and Retention Bar Examinations held on 16th July 1937. | 122 | 2 | 0 | |
| Municipal Commissioner .. | SR/7157 of 17th September 1937. | Stationery, etc., for the above examinations. | 5 | 0 | 0 | |
| Municipal Commissioner .. | BR/1495 of 12th October 1937. | Travelling allowance of the Municipal Commissioner, Mr. I. H. Taunton, for his journey to Poona and back on 8th October 1937 to discuss Khardi village cases with the Government. | 28 | 8 | 0 | |
| Corporation Resolution .. | 192 of 21st June 1937. | Payment to Messrs. Allied Motors for repairing the car of the Mysore State for damages done to it. | 1,708 | 2 | 0 | |
| Municipal Commissioner .. | AE/1571 of 28th June 1933. | Cost of petrol purchased for the use of the Car by His Worship the Mayor and Committee Members. | 16 | 5 | 0 | |
| Municipal Commissioner .. | SR/10296 of 20th December 1937. | Printing examination papers for Dy. Superintendents and other higher appointments in the A. & C.'s Department. | 65 | 0 | 0 | |
| Municipal Commissioner .. | SR/10296 of 20th December 1937. | Stationery, etc., for the above examination. | 1 | 4 | 0 | |
| Municipal Commissioner .. | CE/2889/SR of 28th July 1937. | Cost of repairs to a private roof damaged by the fall of a cocoanut tree belonging to the Municipality at Gokhale Road. | 15 | 3 | 0 | |
| Municipal Commissioner .. | SR/11355 of 29th January 1938. | Contribution towards the expenses of sending the Bombay Provincial Olympic Association's team to the All-India Olympic games held at Calcutta. | 100 | 0 | 0 | |
| Municipal Commissioner .. | EH/2203 of 22nd November 1937. | Travelling, &c., charges of the Dean, Dr. Jivraj N. Mehta, for attending the fifteenth Conference of the Medical Research Workers held at New Delhi. | 308 | 13 | 0 | |
| Corporation Resolution .. | 682 of 9th December 1937. | Travelling charges of the H.E., Mr. E. A. Nadirshaw, for attending the annual Sessions of the Indian Roads Congress and the Institute of Engineers (India), held at Hyderabad (Deccan). | 161 | 5 | 0 | |
| Municipal Commissioner .. | 1843 of 18th February 1938. | Charges incurred in connection with the visit of the Members of the Works Committee to the Tansa Lake. | 25 | 8 | 0 | |
| | | Total .. | 3,467 | 9 | 0 | |

Municipal Office,
Bombay,
15*th September* 1938.

T. J. Parekh,
Abdul Aziz,
*Municipal Auditors.*

*Statement of Stores Transactions for the year* 1937-38.

## (APPENDIX O AND CLAUSE XXIX OF THE STORES AND STORES AUDIT-MANUAL.)

| General Stores Department. | Figures as per books of the Chief Accountant. | | | | | Figures as per Balance Sheet of the Storekeeper. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Opening Balance. | Receipts. | Total. | Issues. | Closing Balance. | Opening Balance. | Receipts. | Total. | Issues. | Closing Balance. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| General Stores .. | 1,61,109 3 3 | 7,02,959 11 3 | 8,64,068 14 6 | 6,42,390 15 3 | 2,21,677 15 3 | 1,60,415 9 3 | 7,15,776 1 4 | 8,76,191 10 7 | 6,56,759 9 10 | 2,19,432 0 9 |
| General Stores—Surplus and Obsolete. | 42,757 10 1 | 4 11 0 | 42,802 5 1 | 2,452 15 8 | 40,349 5 5 | 42,797 10 1 | .... | 42,797 10 1 | 2,448 4 8 | 40,349 5 5 |
| Line Suspense Account | 85,858 0 5 | .... | 85,858 0 5 | 215 0 0 | 85,643 0 5 | 85,858 0 5 | .... | 85,858 0 5 | 215 0 0 | 85,643 0 5 |
| Line Suspense Account Surplus and Obsolete. | 27,923 14 4 | .... | 27,923 14 4 | .... | 27,923 14 4 | 27,923 14 4 | .... | 27,923 14 4 | .... | 27,923 14 4 |
| Capital Stores .. | 1,12,079 13 3 | 8,15,049 5 0 | 9,27,129 2 3 | 7,36,833 10 0 | 1,90,295 8 3 | 1,12,047 13 3 | 8,31,833 0 3 | 9,43,880 13 6 | 7,54,646 9 3 | 1,89,234 4 3 |
| Total .. | 4,29,768 9 4 | 15,18,013 11 3 | 19,47,782 4 7 | 13,81,892 8 11 | 5,65,889 11 8 | 4,29,042 15 4 | 15,47,609 1 7 | 19,76,652 0 11 | 14,14,069 7 9 | 5,62,582 9 2 |
| | | | | | | | | Balance as per Column 6 .. | | 5,65,889 11 8 |
| | | | | | | | | (a) Difference .. | | 3,307 2 6 |

(a) The difference is due to non-adjustment (in the books of the Chief Accountant) of the value of stores issued to different departments which will be adjusted in the current year's account.

MUNICIPAL OFFICE,
*Bombay*, 15*th September* 1938.

T. J. PAREKH,
ABDUL AZIZ,
*Municipal Auditors.*

# PART II.

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# SUMMARY OF STATISTICS
## for the year 1937.

---

| | | |
|---|---|---|
| Population by the Census of 1931 ... ... ... | 1,161,383 | |
| Area of Bombay City and Island ... ... ... | 24·19 | Sq. Miles. |
| Average density per acre ... ... ... ... ... | 75 | |
| Number of live-births registered ... ... ... | 35,455 | |
| Birth-rate per 1,000 living ... ... ... ... ... | 30·5 | |
| Number of deaths ... ... ... ... ... ... | 30,768 | |
| Death-rate per 1,000 living ... ... ... ... | 26·5 | |
| Number of deaths among infants (under 1 year) | 8,688 | |
| Infant deaths per 1,000 births ... ... ... ... | 245·0 | |
| Plague—number of deaths from ... ... ... | Nil | |
| „ Death-rate ... ... ... ... ... ... | — | |
| Small-pox—number of deaths from ... ... ... | 688 | |
| „ Death-rate ... ... ... ... ... | 0.6 | |
| Cholera—number of deaths from ... ... ... | 4 | |
| „ Death-rate ... ... ... ... ... ... | 0·0 | |
| Influenza—number of deaths from ... ... ... | 68 | |
| „ Death-rate ... ... ... ... ... | 0·0 | |
| Tuberculosis—number of deaths from ... ... | 2,037 | |
| „ Death-rate ... ... ... ... ... | 1·7 | |
| Maternal Deaths ... ... ... ... ... ... | ·165 | |
| Maternal Death-rate per 1,000 births (including still-births) ... ... ... ... ... | 4·4 | |

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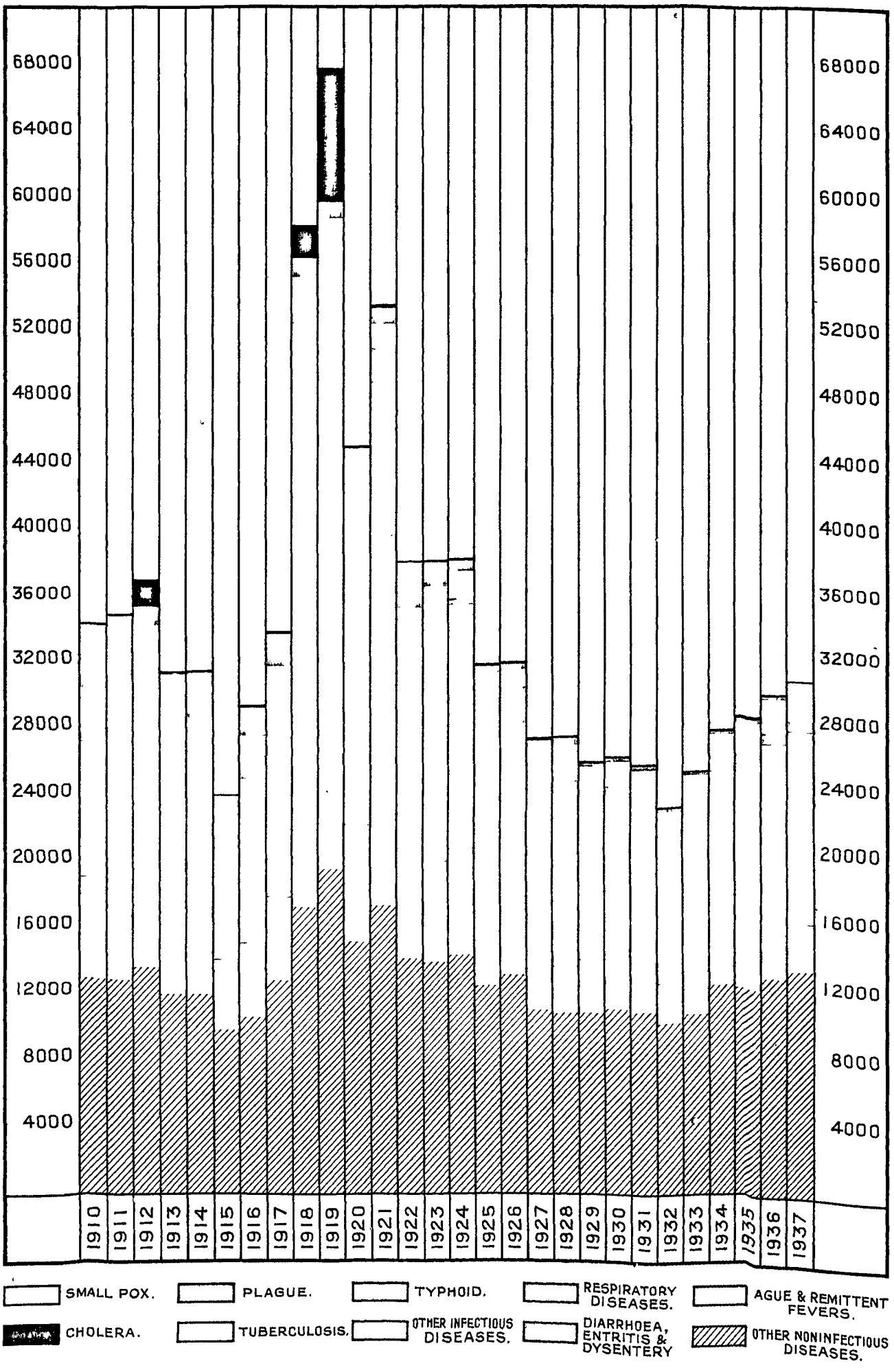
# VITAL STATISTICS.

# DIAGRAM

## ANNUAL TOTAL DEATHS

## FROM DIFFERENT CAUSES IN BOMBAY

## 1910-1937.




THE TIMES OF INDIA PRESS, BOMBAY

# ANNUAL REPORT OF THE

# EXECUTIVE HEALTH OFFICER

## FOR 1937.

I have the honour to present my first Annual Report on the health conditions of the City of Bombay and the administration of the Public Health Department. I took over the duties of the Executive Health Officer on the 28th September 1937 from Dr. J. S. Nerurker who proceeded on leave from that date for 28 months preparatory to retirement after having continuously held the Office of the Executive Health Officer for over 8 years.

**Review of the Year.**—The conditions of Public Health of the City during the year were satisfactory. The number of live births registered during the year was more by 4,687 than the number of deaths that took place in the City. This excess of births over deaths was equivalent to 4.0 per 1,000 population calculated on the Census of 1931 and was recorded seven times in succession. Before 1931 there was no such excess since 1866, the year in which Birth records were instituted.

The number of live births registered was 35,455, being 450 less than in 1936 and 6,922 more than the average of the last ten years (1927-36). The birth-rate calculated on the Census population of 1931 was 30.5 births per 1,000.

The total number of deaths from all causes was 30,768, being 834 more than in 1936, 3,443 more than the average for the last five years (1932-36) and 3,690 more than that for the preceding decennium (1927-36). The death-rate per 1,000 of Census population of 1931 was 26.5 as against 25.8 in 1936 and 22.2 the rate recorded for the decennium (1927-36).

There was no death from Plague during the year as against 2 in 1936 and 66 the average of the last ten years (1927-36).

Small-pox was in an epidemic form at the end of the year and caused 688 deaths as against 906 in 1936 and 956 the average for the last decennium (1927-36).

Cholera was registered as the cause of 4 deaths (all of them were imported cases) against 5 in 1936 and 26 less than the average for the ten years (1927-36).

Influenza was prevalent in a mild form in the City during the year and caused 68 deaths as against 71 in the preceding year and 82 the average for the last decennium (1927-36).

The deaths from diseases of the Respiratory System numbered 11,241, being 640 more than in 1936 and 1,496 more than the average of the last ten years (1927-36).

Tuberculosis accounted for 2,037 deaths as against 1,993 in 1936 and 1,681 the average for the preceding decennium (1927-36).

Seventy-three deaths were due to Malaria, being 18 less than in 1936 and 91 less than the average of the last decennium (1927-36). There were 1,298 deaths from Ague and Remittent Fever as against 1,332 in 1936. The average number of deaths for the last ten years (1927-36) from Malaria was 164 and from Ague and Remittent Fever 1,407.

The deaths among infants under one year of age numbered 8,688 against 8,946 in 1936 and 7,673 the average for the last ten years (1927-36). The rate of infant deaths per 1,000 births registered was 245.0 as against 249.1 for the preceding year and 268.1 the mean for the preceding decennium (1927-36).

Compared with the decennial averages (1927-36) the total number of deaths shows an increase of 3,690, the principal increase in the mortality being 1,496 under Respiratory diseases, 356 under Tuberculosis, 323 under Congenital debility and Diseases of early infancy, 268 under Small-pox, 219 under Diarrhœa and Enteritis, 180 under Dysentery, 142 under Enteric fever, 106 under Cerebro-Spinal fever, 30 under Diphtheria, 332 due to old age and 90 due to Violence.

On the other hand there was decrease in the deaths under Ague and Remittent fever by 109, under Malarial fever by 91, under Puerperal state by 41, under Cholera by 26, under Leprosy by 18 and under Influenza by 14.

**Area and Population.**—The area of the City and Island is 24·19 square miles (15,480 acres). The area has been increased by 414·68 acres on account of the Reclamation Works at Back Bay. Of the increased area 246·87 acres are in Middle and Lower Colaba, 77·81 acres in Esplanade and 90·00 in Dhobi Talao Sections. The average density of population of the City worked out on the increased area is 75 per acre, as shown by sections in Table No. 2 (Appendix).

The population at the Census of 1931 numbered 1,161,383 as shown below by Wards and in Table No. 1 (Appendix) by Sections. On this population, the calculations of birth-rates and death-rates have been based in this Report.

| Ward. | Population. | | Comparison of figures in Col. 3 with those in Column 2. |
|---|---|---|---|
| | By the Census of 1921. | By the Census of 1931. | |
| A .. | 74,440 | 64,020 | —10,420 |
| B .. | 129,575 | 114,365 | —15,210 |
| C .. | 198,384 | 205,476 | + 7,092 |
| D .. | 146,029 | 153,593 | + 7,564 |
| E .. | 276,149 | 273,050 | — 3,099 |
| F .. | 145,285 | 159,514 | +14,229 |
| G .. | 167,920 | 163,775 | — 4,145 |
| Harbour, Docks, Railways and Unknown .. | 38,132 | 27,590 | —10,542 |
| Total .. | 1,175,914 | 1,161,383 | —14,531 |

It will be seen from the above table that compared with the Census of 1921, the population has decreased by 14,531 or 1.23 per cent. as against an increase of 20 per cent. during the decennium 1911-1920.

It is an admitted fact that the decrease in the population of 1931 was due to the depressed trade conditions and other circumstances such as the non-co-operation movement etc. which were mainly responsible for not representing the real state of the population of the City as it should have been during normal times. As, however, the difference during the decennium (1921-30) was only 14,531 (1.23 per cent.) or 1,453.1 per year, we have continued since 1931 to work out the birth-rates and death-rates on the Census population until the Census figures for 1941 are available. But it would not be out of place to say that the results obtained on the calculations of vital statistics based on this population figure are not only incorrect, but actually reflect unfairly on the health administration of the City. On going through the mortality rate recorded during the last fifteen years, it has been observed that the lowest death-rate *i.e.* 19.7, was recorded in the year 1932. Since then, it has been on a steady increase, which I attribute to gradual annual increase in the population not only due to the improvements in the trade and other conditions, but also to the rapid development of the City owing to the construction of numerous residential buildings and the establishment of several additional industrial concerns. Taking into consideration almost similar circumstances, the Vital Statistics for the years 1922 to 1930 were based on the estimated population on the assumption that the population of 1921 (the Census year) would continue to increase in the subsequent years by the same annual increase as in the intercensal years between 1911 and 1920, especially owing to gradual development of the City and also trade conditions. This increase was taken as 1/10 of the difference between the Census population of 1911 and 1921 and was added to the population of 1921 every year. This method was continued till the year 1927, after which, owing to general depressed conditions of trade in the City, it was thought undesirable further to increase the population as in the previous years and vital statistics from the year 1928 and onwards were based on the estimated population of 1927, *viz.* 12,98,708.

In view of the fact that circumstances have now considerably changed owing to the reasons stated above, it is believed that the present population of the City is much in excess of than of 1931. Applying the same method of calculating the estimated population as was done

until the year 1927, it will not be incorrect to assume that the estimated population of the City for the year 1937 was 13,84,661 and the death-rate for 1937 on this assumption would have been 22.2 as against 26.5 according to the Census population of 1931.

**Registration of Births and Deaths.**—The history of the development of Registration of births and deaths has been narrated in the Annual Report for 1934-35.

## BIRTHS AND BIRTH-RATES.

As stated above the number of live births registered during the year was 35,455 excluding 2,340 still-births. It was 450 less than in 1936 and 6,922 more than the average of the decennium 1927-36.

The birth-rate calculated on the Census population of 1931 was equivalent to 30.5 births per 1,000.

Of the children whose births were registered, 18,349 were males and 17,106 were females, the proportion of males to females being 1,072 to 1,000.

The birth-rate recorded year by year for the City is probably not a fair measure of the true fertility of the population and is certainly underestimated. This defect is in part due to the custom whereby married women leave the City for their confinement and register their children in the mofussil districts where they are born and partly to the negligence of the parents in failing to give information of the birth to the Municipality.

The negligence in registering births has been obviated to some extent by the maternity benefit offered to the labour classes who now voluntarily get the births of their children registered.

**Births by Months.**—The following table shows the number of births registered in each month of 1935, 1936 and 1937 and the average of the preceding five years. The noteworthy feature of the table is that the number of births registered is higher in the second half of the year than it is in the first; a feature repeated in the return year after year without exception :—

| Period. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1932–36 .. | 2,972 | 2,462 | 2,439 | 2,414 | 2,342 | 2,348 | 2,571 | 2,556 | 2,762 | 3,098 | 3,279 | 3,532 | 32,775 |
| 1935 .. | 3,012 | 2,597 | 2,615 | 2,583 | 2,577 | 2,375 | 2,757 | 2,638 | 2,932 | 3,292 | 3,414 | 3,636 | 34,428 |
| 1936 .. | 3,170 | 2,817 | 2,824 | 2,611 | 2,583 | 2,658 | 2,856 | 2,852 | 3,020 | 3,208 | 3,535 | 3,771 | 35,905 |
| 1937 .. | 3,466 | 2,567 | 2,786 | 2,648 | 2,722 | 2,569 | 2,686 | 2,686 | 2,844 | 3,406 | 3,415 | 3,660 | 35,455 |

Of the total number of births 37,795 (including 2,340 still-births) 27,758 or 73.5 per cent. took place in the Municipal, Government and Private Institutions doing maternity work (*vide* pages 12 to 15.)

**Birth-Rate by Races.**—It will be seen from Table No. 3, appended to this Report that among the different communities inhabiting the City, Hindus Low-Caste (48), Indian Christians (40) and Jews (37) showed birth-rates higher than the rate for the whole population. The lowest birth-rate, namely 15 was recorded among Europeans as against 16 in 1936.

**Still-Births.**—The number of infants certified as still-born was 2,340 as against 2,429 in 1936, and the decennial average 2,112. Still-births are excluded in this Report from all figures relating to deaths and to births not expressly defined as still-births.

## DEATHS AND DEATH-RATES.

The total number of deaths registered from all causes during the year was 30,768 against 29,934 in 1936. It was 3,443 more than the average annual mortality of 1932-36 and 3,690 more than the average mortality of the preceding 10 years (1927-36.)

The death-rate per 1,000 persons living was 26.5 as against 25.8 in 1936, 25.2 in 1935 and 23.5 the average for the preceding decennium. The death-rate (like the birth-rate) is invariably high amongst the poorer classes, and as an unduly large proportion of the population of the City belongs to the most poorly paid sections of Society, the general death-rate is raised by that of the unusually large proportion of the very poor. The Census of 1931 showed that 74 per cent. of the population belong to the poorer classes and live in one-room tenements.

The annual death-rates during the last fifty years are indicated in the Diagram "A" facing this page.

**Mortality by Sex and Age.**—Of the total number of 30,768 deaths in the year, 16,494 were among males and 14,274 among females. The larger number of deaths among males is due to the preponderance of males who constitute nearly fifty-five per cent. of the population, the actual death-rate being higher among females. Thus male death-rate was 22 and the female death-rate 35 in 1937 as against 22 and 33 respectively in 1936.

The following table shows the proportional contribution to the total deaths of each age group in the two sexes:—

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1935, 1936 AND 1937.

| Age-Period. | 1935. | | 1936. | | 1937. | | | Percentage. |
|---|---|---|---|---|---|---|---|---|
| | | | | | MALE. | FEMALE. | PERSONS. | |
| | Total Mortality. | Percentage. | Total Mortality. | Percentage. | Total Mortality. | Total Mortality. | Total Mortality. | |
| Under 1 year .. | 8,455 | 28.9 | 8,946 | 29.9 | 4,644 | 4,044 | 8,688 | 28.2 |
| 1 to 5 years .. | 5,537 | 19.0 | 5,340 | 17.8 | 2,810 | 2,930 | 5,740 | 18.7 |
| 5 to 10 ,, .. | 882 | 3.0 | 870 | 2.9 | 468 | 561 | 1,029 | 3.3 |
| 10 to 15 ,, .. | 480 | 1.6 | 504 | 1.7 | 238 | 271 | 509 | 1.6 |
| 15 to 20 ,, .. | 788 | 2.7 | 792 | 2.7 | 322 | 464 | 786 | 2.5 |
| 20 to 30 ,, .. | 3,063 | 10.4 | 3,261 | 10.9 | 1,502 | 1,654 | 3,156 | 10.3 |
| 30 to 40 ,, .. | 2,674 | 9.1 | 2,734 | 9.2 | 1,587 | 1,146 | 2,733 | 8.9 |
| 40 to 50 ,, .. | 2,029 | 6.9 | 2,047 | 6.8 | 1,571 | 634 | 2,205 | 7.2 |
| 50 to 60 ,, .. | 1,800 | 6.2 | 1,751 | 5.8 | 1,249 | 646 | 1,895 | 6.2 |
| 60 years and above . | 3,579 | 12.2 | 3,686 | 12·3 | 2,103 | 1,924 | 4,027 | 13.1 |
| Age unspecified .. | 2 | 0.0 | 3 | 0.0 | .. | .. | .. | .. |
| Total .. | 29,289 | 100.0 | 29,934 | 100.0 | 16,494 | 14,274 | 30,768 | 100.0 |

It will be seen from the table that the percentage of deaths among infants under one year of age to the total mortality in the year under notice was higher, as in the past, than in the case of any other age-group.

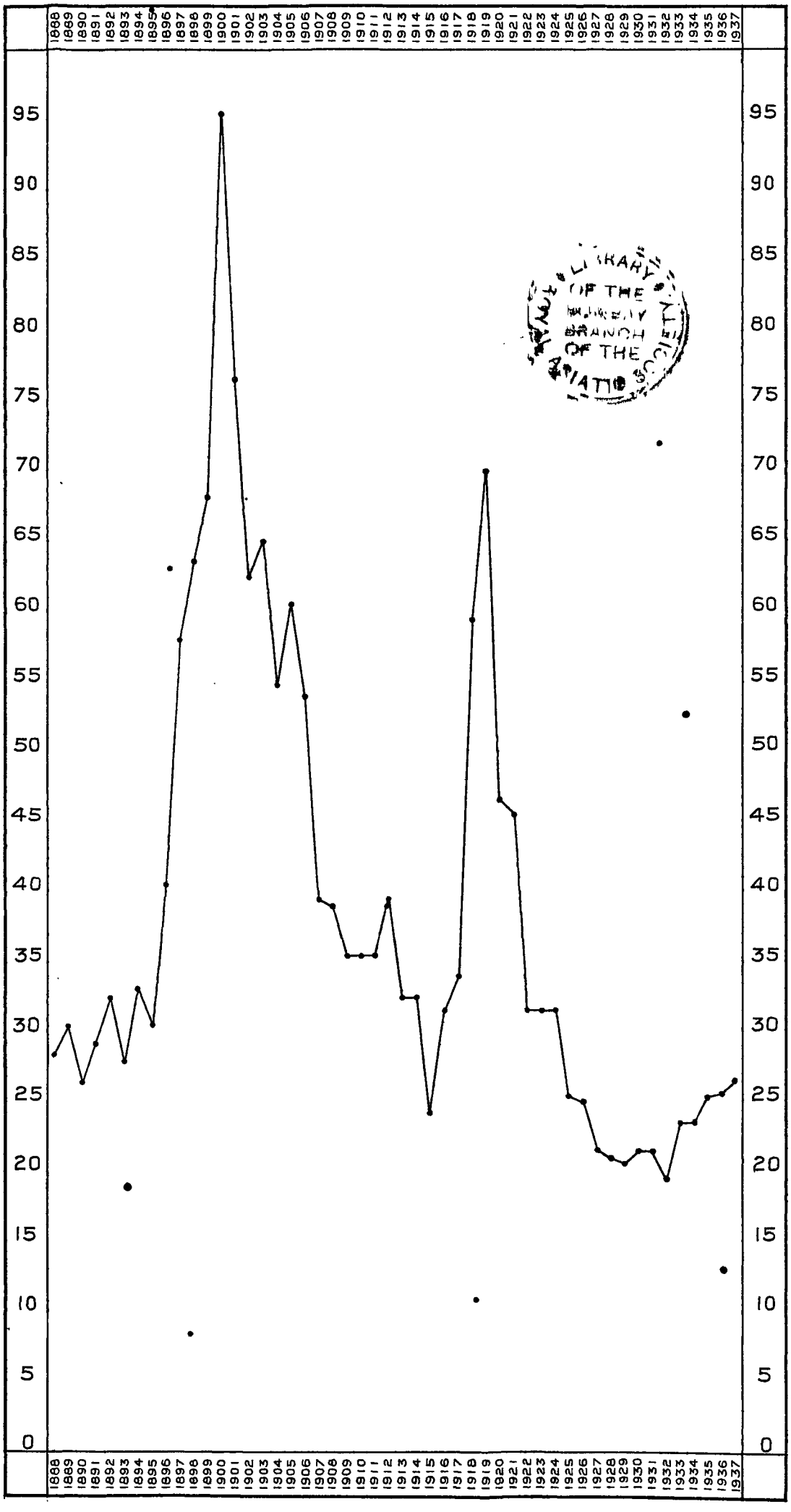
## CAUSES OF DEATHS.

The tabulation of deaths by causes since 1935 is carried out in accordance with the "Manual of International List of Causes of Deaths as adapted for use in England and Wales, 1929 Edition." Table No. 12 (Appendix) includes the full list of causes of death. All other statements of the cause of death are arranged in the form of the Short List of Causes adopted by the Registrar-General for England and Wales and the Local Government Board with certain sub-divisions which were found important for tabulation purposes in the City of Bombay.

# A

# DIAGRAM

## ANNUAL DEATH RATE IN BOMBAY 1888-1937.



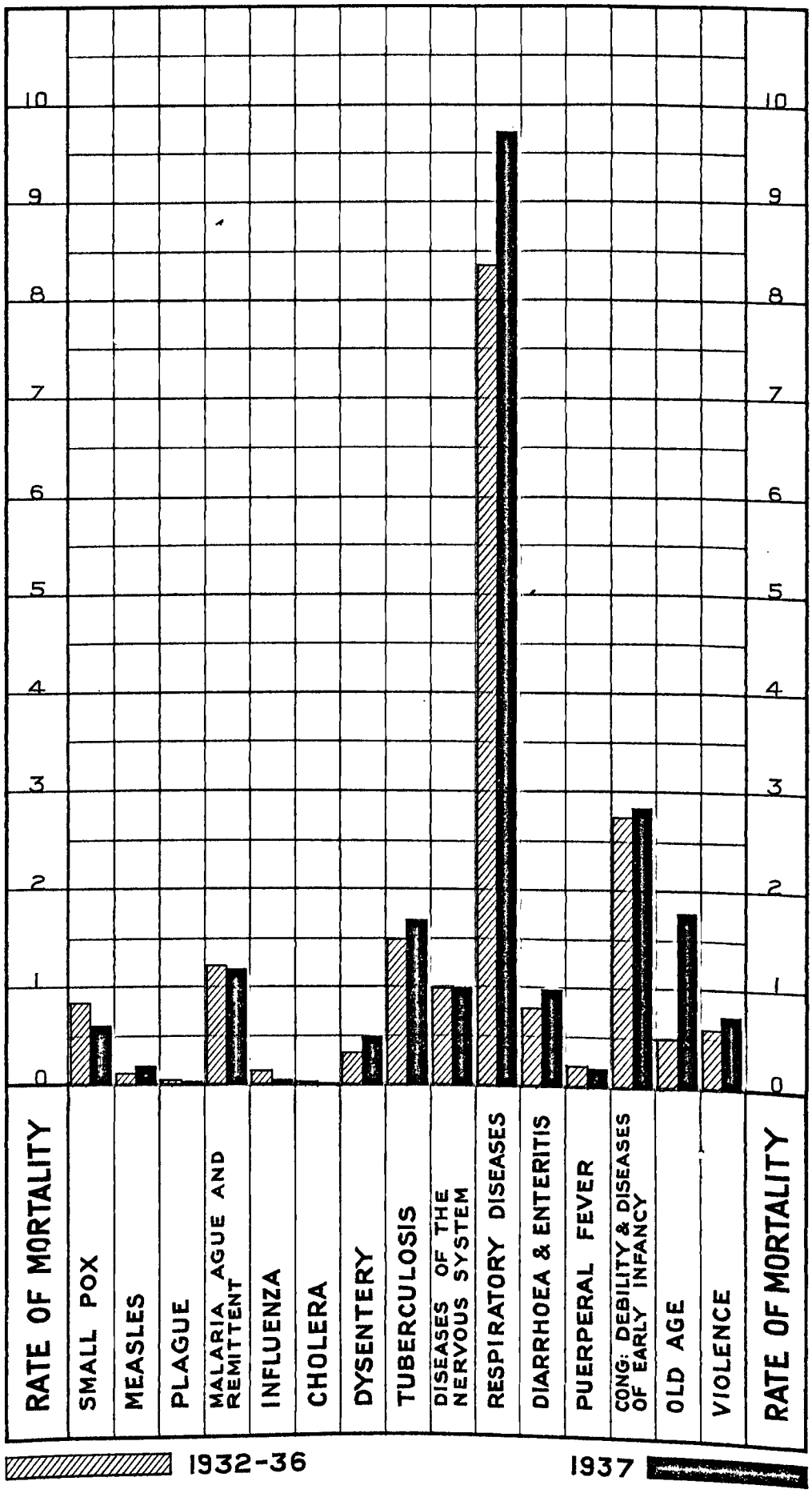

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

THE TIMES OF INDIA PRESS, BOMBAY.

B

# DIAGRAM

## DEATH RATE PER 1000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1937 AND THE QUINQUENNIAL AVERAGES IN 1932-1936.




THE TIMES OF INDIA PRESS, BOMBAY.

**Certification of Cause of Death.**—The total number of certificates of the cause of death received in the year was 11,930 against 11,071 in 1936; of these 4,329 were from private qualified Medical Practitioners, 18 from Hakims and Vaidyas and 6,478 from the Medical Officers of various Hospitals, the cause of death in 181 cases was certified by the Commissioner of Police and in 924 cases by the Coroner of Bombay.

The percentages of deaths certified to the total number of deaths in 1937 and the preceding five years are shown in the following table :—

| Year. | Number of Certificates of the Cause of Death received from | | | | | | Percentage of Total Certificates received to the Total Mortality. |
|---|---|---|---|---|---|---|---|
| | Medical Officers of Hospitals. | Private Medical Practitioners. | Hakims and Vaidyas. | Commissioner of Police. | Coroner of Bombay. | Total. | |
| 1932 .. .. | 4,031 | 2,963 | 9 | 170 | 831 | 8,004 | 35.02 |
| 1933 .. .. | 5,111 | 3,452 | 19 | 135 | 757 | 9,474 | 35.06 |
| 1934 .. .. | 5,338 | 4,174 | 16 | 179 | 762 | 10,469 | 38.25 |
| 1935 .. .. | 6,134 | 4,068 | 25 | 218 | 835 | 11,280 | 38.51 |
| 1936 .. .. | 6,286 | 3,636 | 9 | 200 | 940 | 11,071 | 36.98 |
| 1937 .. .. | 6,478 | 4,329 | 18 | 181 | 924 | 11,930 | 38.77 |

The District Registrars verified the cause of death in 18,838 cases on the information gathered from the relatives of the deceased.

**Copies of Certificates issued.**—During the year 2,944 copies of registry of death, 1,815 copies of the certificates of birth and 16 true copies of birth and death reports and medical certificates were issued. The total fees received for copies of certificates and reports for searches of birth and death registers for various periods and for producing registers in Courts of Law amounted to Rs. 4,653-0-4 against Rs. 5,054-13-0 in 1936.

Under Corporation Resolution No. 462 of 14th September 1936, the Corporation decided to issue certificates of birth free of charge to women claiming maternity benefits. Such certificates are accordingly being issued free of charge. The total number of these certificates issued was 903.

**Principal Causes of Deaths.**—Table of Deaths and Death-rates from Epidemic Diseases and certain other Principal Causes of death in 1937 and 1936 with averages for 10 years (1927-1936) :—

| Causes of Death. | 1937. | | 1936. | | Average of years (1927-1936.) | |
|---|---|---|---|---|---|---|
| | Number of Deaths. | Death-rate per 1,000 of Population. | Number of Deaths. | Death-rate per 1,000 of Population. | Number of Deaths. | Death-rate per 1,000 of Population. |
| *Principal Epidemic Diseases—* | | | | | | |
| Small-pox .. .. .. .. | 688 | 0.6 | 906 | 0.8 | 956 | 0.8 |
| Measles .. .. .. .. | 211 | 0.2 | 146 | 0.1 | 123 | 0.1 |
| Plague .. .. .. .. | .. | .. | 2 | 0.0 | 66 | 0.0 |
| Enteric Fever .. .. .. | 344 | 0.3 | 292 | 0.2 | 202 | 0.2 |
| Malarial Fever .. .. .. | 73 | 0.1 | 91 | 0.1 | 164 | 0.1 |
| Ague and Remittent Fever .. | 1,298 | 1.1 | 1,332 | 1.2 | 1,407 | 1.2 |
| Influenza .. .. .. .. | 68 | 0.0 | 71 | 0.1 | 82 | 0.0 |
| Cholera .. .. .. .. | 4 | 0.0 | 5 | 0.0 | 30 | 0.0 |
| Dysentery .. .. .. .. | 548 | 0.5 | 465 | 0.4 | 368 | 0.3 |
| Diphtheria .. .. .. .. | 55 | 0.0 | 26 | 0.0 | 25 | 0.0 |
| *Other Principal Diseases—* | | | | | | |
| Tuberculosis .. .. .. | 2,037 | 1.7 | 1,993 | 1.7 | 1,681 | 1.4 |
| Cerebro-Spinal Fever .. .. | 156 | 0.1 | 231 | 0.2 | 50 | 0.0 |
| Diseases of the Nervous System .. | 1,114 | 1.0 | 1,256 | 1.1 | 1,112 | 0.9 |
| „ Respiratory System .. | 11,241 | 9.7 | 10,601 | 9.2 | 9,745 | 8.0 |
| Diarrhœa and Enteritis .. .. | 1,114 | 1.0 | 1,010 | 0.9 | 895 | 0.7 |
| Puerperal State .. .. .. | 165 | 0.1 | 184 | 0.1 | 206 | 0.2 |
| Congenital Debility and Diseases of early Infancy .. .. | 3,420 | 2.9 | 3,698 | 3.2 | 3,097 | 2.6 |
| Old Age .. .. .. .. | 2,120 | 1.8 | 1,863 | 1.6 | 1,788 | 1.6 |
| Leprosy .. .. .. .. | 28 | 0.0 | 1 | 0.0 | 46 | 0.0 |
| Violence .. .. .. .. | 791 | 0.7 | 742 | 0.6 | 701 | 0.6 |
| Other Causes .. .. .. | 5,293 | 4.8 | 5,019 | 4.3 | 4,334 | 3.6 |
| Total .. | 30,768 | 26.5 | 29,934 | 25.8 | 27,078 | 22.2 |

It will be seen from the table and Diagram B that diseases of the Respiratory System caused as usual, a higher death-rate, 9.7 than any other group. Congenital Debility and Diseases of early Infancy constituted the next most fatal group, giving death-rate of 2.9 per 1,000 persons living. The groups coming next on the list for the year under report are the deaths attributed to Tuberculosis (1.7), Old Age (1.8), Malaria, Ague and Remittent Fever (1.2) and Diseases of Nervous System (1.0).

Relapsing Fever, Scarlet Fever and Whooping Cough have been omitted from the above short table of principal causes. There was no death from Relapsing Fever and Scarlet Fever during the year. The number of deaths during the year from Whooping Cough was 8.

Table No. 12 appended to the Report gives detailed information regarding deaths by months and causes.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1937 is discussed on pages 19 to 25.

The mortality rates for several diseases among different races in the City are shown in Table No. 15 appended to the Report.

**Mortality by Months.**—The following table shows the total number of deaths registered on each day and in each month of the year. The number of monthly total deaths in 1936 is added to the table for comparison.

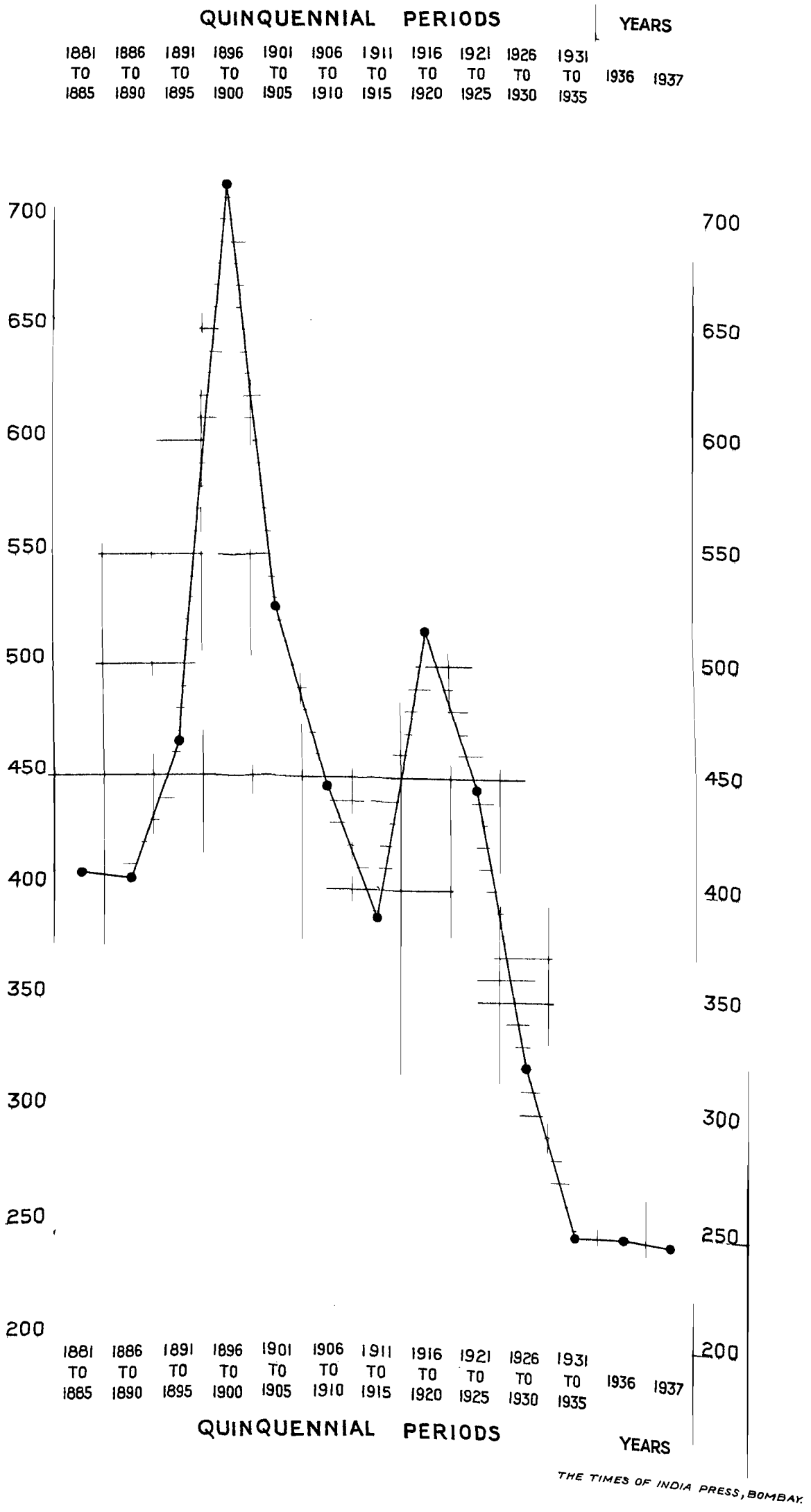
TABLE SHOWING THE DAILY AND MONTHLY TOTAL DEATHS IN 1937 AND THE MONTHLY NUMBER IN 1936.

| Date. | | Months. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Jan. | Feb. | Mar. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Total. |
| 1 | .. | 75 | 73 | 57 | 69 | 98 | 78 | 63 | 82 | 97 | 93 | 68 | 88 | 941 |
| 2 | .. | 90 | 95 | 74 | 82 | 93 | 74 | 99 | 98 | 82 | 82 | 77 | 88 | 1,034 |
| 3 | .. | 81 | 63 | 88 | 75 | 81 | 72 | 86 | 100 | 92 | 91 | 78 | 77 | 984 |
| 4 | .. | 82 | 76 | 78 | 76 | 94 | 73 | 71 | 106 | 79 | 95 | 71 | 89 | 990 |
| 5 | .. | 67 | 76 | 92 | 90 | 94 | 87 | 82 | 102 | 82 | 85 | 83 | 84 | 1,024 |
| 6 | .. | 86 | 81 | 86 | 84 | 84 | 66 | 88 | 107 | 90 | 91 | 95 | 83 | 1,041 |
| 7 | .. | 82 | 67 | 78 | 83 | 85 | 86 | 77 | 100 | 78 | 65 | 81 | 104 | 986 |
| 8 | .. | 82 | 81 | 55 | 68 | 82 | 80 | 87 | 110 | 66 | 72 | 88 | 99 | 970 |
| 9 | .. | 95 | 86 | 84 | 82 | 75 | 84 | 82 | 91 | 65 | 88 | 91 | 94 | 1,017 |
| 10 | .. | 74 | 81 | 81 | 78 | 79 | 61 | 75 | 95 | 91 | 74 | 67 | 95 | 951 |
| 11 | .. | 110 | 76 | 72 | 64 | 94 | 106 | 79 | 80 | 80 | 81 | 78 | 103 | 1,023 |
| 12 | .. | 85 | 77 | 82 | 69 | 76 | 91 | 67 | 91 | 67 | 102 | 90 | 89 | 986 |
| 13 | .. | 86 | 76 | 90 | 71 | 67 | 76 | 87 | 84 | 88 | 77 | 94 | 75 | 971 |
| 14 | .. | 83 | 70 | 66 | 66 | 84 | 90 | 83 | 104 | 100 | 80 | 58 | 115 | 999 |
| 15 | .. | 95 | 95 | 73 | 94 | 93 | 78 | 79 | 73 | 68 | 86 | 80 | 113 | 1,026 |
| 16 | .. | 75 | 78 | 90 | 116 | 88 | 92 | 78 | 99 | 77 | 81 | 80 | 90 | 1,044 |
| 17 | .. | 79 | 86 | 92 | 84 | 94 | 70 | 90 | 97 | 102 | 78 | 93 | 88 | 1,053 |
| 18 | .. | 89 | 81 | 75 | 68 | 92 | 79 | 82 | 88 | 85 | 70 | 67 | 103 | 979 |
| 19 | .. | 73 | 87 | 77 | 85 | 76 | 74 | 103 | 88 | 77 | 111 | 82 | 94 | 1,027 |
| 20 | .. | 102 | 80 | 79 | 92 | 86 | 78 | 112 | 83 | 92 | 69 | 76 | 69 | 1,018 |
| 21 | .. | 71 | 66 | 60 | 92 | 84 | 87 | 84 | 97 | 73 | 76 | 72 | 105 | 967 |
| 22 | .. | 85 | 87 | 94 | 84 | 90 | 74 | 81 | 68 | 74 | 71 | 71 | 93 | 972 |
| 23 | .. | 103 | 72 | 72 | 98 | 93 | 81 | 97 | 93 | 71 | 81 | 113 | 102 | 1,076 |
| 24 | .. | 72 | 85 | 72 | 91 | 77 | 85 | 82 | 101 | 88 | 76 | 87 | 132 | 1,048 |
| 25 | .. | 74 | 76 | 89 | 79 | 79 | 78 | 80 | 94 | 67 | 78 | 84 | 105 | 983 |
| 26 | .. | 88 | 87 | 78 | 99 | 71 | 85 | 97 | 83 | 68 | 100 | 83 | 114 | 1,053 |
| 27 | .. | 69 | 67 | 82 | 97 | 98 | 70 | 102 | 85 | 86 | 94 | 105 | 85 | 1,040 |
| 28 | .. | 81 | 70 | 76 | 104 | 88 | 76 | 105 | 88 | 89 | 71 | 77 | 100 | 1,025 |
| 29 | .. | 84 | .. | 79 | 96 | 86 | 85 | 89 | 93 | 68 | 87 | 87 | 102 | 956 |
| 30 | .. | 74 | .. | 82 | 89 | 84 | 68 | 101 | 85 | 103 | 96 | 112 | 104 | 998 |
| 31 | .. | 68 | .. | 88 | .. | 74 | .. | 105 | 102 | .. | 73 | .. | 76 | 586 |
| Total .. | 1937 | 2,560 | 2,195 | 2,440 | 2,525 | 2,639 | 2,384 | 2,693 | 2,867 | 2,445 | 2,574 | 2,488 | 2,958 | 30,768 |
| | 1936 | 2,469 | 2,354 | 2,556 | 2,478 | 2,627 | 2,526 | 2,714 | 2,556 | 2,368 | 2,541 | 2,308 | 2,437 | 29,934 |

# C

# DIAGRAM

## DEATHS IN INFANTS PER 1000 BIRTHS IN BOMBAY 1881 – 1937.

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The incidence of deaths from principal causes in different months is shown in Table No. 12 appended to this Report.

**Mortality by Sections.**—It will be seen from Table No. 6 (Appendix) which gives total deaths and death-rates in each Section in 1937 and the quinquennial averages 1932-36, that rates higher than the general death-rate were recorded in Sion (36.2), Mahim (35.9), Tarwadi (33.9), Dongri (33.0), Worli (32.4), Kamathipura (31.1), Byculla (28.3), Umerkhadi (27.9) and Tardeo (27.0).

The Sections of Tarwadi, Upper Colaba, Esplanade, Byculla and Parel contain Hospitals and would exhibit a much lower death-rate, but for the fact that for want of residential addresses of many of the patients who die in those institutions, the deaths have to be referred to the sections containing the Hospitals instead of to those where the patients resided before admission.

Upper Colaba contains the Colaba Station (Military) Hospital (117 beds), the British Family Hospital (42 beds) and the Indian Military Hospital (75 beds).

Esplanade contains the St. George's Hospital (186 beds), Cama and Allbless Hospital (135 beds) and Gokuldas Tejpal Hospital (136 beds).

Khetwadi contains the Sir Harkisondas Hospital (110 beds).

Mahalaxmi contains the Parsee General Hospital (163 beds) and Bhatia General Hospital (45 beds).

Tarwadi contains the Sir Jamshedji Jijibhoy Hospital (355 beds), Sir Cawasji Jehangir Ophthalmic Hospital (792 beds), Bai Motlibai and D. M. Petit Hospitals (60 beds), the Maratha Hospital (80 beds) and B. J. Children Hospital (50 beds).

Byculla contains the St. Joseph's Foundling Home, Arthur Road Infectious Diseases Hospital (252 beds), Adams Wylie Hospital (69 beds) and Bai Yamunabai L. Nair Hospital (74 beds).

Parel contains the King Edward VII Memorial Hospital (354 beds), the Nowroji Wadia Maternity Hospital (150 beds) and the Bai Jerbai Wadia Hospital for Children (102 beds).

**Deaths by Occupation.**—The death-rate recorded for persons following different occupations are shown in Table 18 appended to the Report.

## INFANT MORTALITY.

The deaths among infants under one year of age numbered 8,688 being 258 less than in the preceding year and 1,015 more than the annual average in the decennium 1927-1936.

The infant mortality rate expressed as the number of deaths in infants per 1,000 registered births was 245.0 for the year 1937. The lowest rate was 218 registered in 1932.

Of the 8,688 infants who died within one year of their birth, 6,860 or 78.7 per cent. were born in Bombay City and 1,828 or 21.3 per cent. in the mofussil (*vide* Table at page 10) showing the place of birth of these infants). The births of these 1,828 infants were thus not registered in the City register. If, therefore, the figure, 1,828 be excluded from the total number of infants who died in the City during the year, the rate of infant deaths per 1,000 births registered would be 193 instead of the official figure 245·0 as shown above.

The Diagram C facing this page shows the incidence of Infant-Mortality rate during the last 55 years.

**Cause of Death.**—It will be seen from Table No. 13 (Appendix) that 6,671 or nearly 76.8 per cent. of the total deaths in infants were due to diseases of the Respiratory System, Infantile Debility and Premature Birth, against 6,825 deaths or 76.3 per cent. in 1936. Diarrhœa and Enteritis caused 558 deaths, Malaria, Ague and Remittent Fever and Fever not defined 130 deaths and Convulsions 560 deaths. The deaths from Small-pox and Measles numbered 165 and 54 respectively.

INFANT MORTALITY FROM PRINCIPAL CAUSES FROM 1932-37 :—

| Cause of Death. | 1932. | 1933. | 1934. | 1935. | 1936. | Average (1932 to 1936). | 1937. | More or less. |
|---|---|---|---|---|---|---|---|---|
| Small-pox .. .. .. | 69 | 717 | 33 | 306 | 214 | 268 | **165** | — 103 |
| Measles .. .. .. | 16 | 18 | 27 | 60 | 42 | 33 | **54** | + 21 |
| Malarial Fever .. .. | 4 | 9 | 9 | 9 | 3 | 7 | **4** | — 3 |
| Ague and Remittent Fever and Fever not defined .. | 147 | 167 | 186 | 146 | 114 | 152 | **126** | — 26 |
| Diarrhœa and Enteritis .. | 280 | 414 | 455 | 425 | 539 | 423 | **558** | + 135 |
| Dysentery .. .. .. | 27 | 19 | 40 | 41 | 48 | 35 | **83** | + 48 |
| Infantile Debility and Malformation including Premature Birth .. | 2,685 | 3,019 | 3,384 | 3,280 | 3,051 | 3,204 | **3,392** | + 188 |
| Diseases of the Respiratory System .. .. .. | 2,217 | 2,828 | 2,983 | 3,039 | 3,174 | 2,848 | **3,279** | + 431 |
| Convulsions .. .. | 422 | 594 | 562 | 563 | 683 | 565 | **560** | — 5 |
| All Causes .. .. .. | 6,298 | 8,320 | 8,253 | 8,455 | 8,946 | 8,054 | **8,688** | + 634 |

**Quinquennial Averages.**—Compared with the averages of the preceding five years, the total number of deaths was more by 634, the principal increase in the mortality being 135 under Diarrhœa and Enteritis, 188 under Infantile Debility and Premature Birth, 431 under diseases of the Respiratory System, and 48 under Dysentery.

**Age at Death.**—The following table classifies the infantile deaths from principal causes in 1937 under the age groups, under 7 days, 1-4 weeks, 1-6 months and 6-12 months :—

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES BY AGE-PERIODS IN 1937.

| Age-Period. | Small-pox. | Measles. | Malarial Fever. | Ague and Remittent Fever and Fever not defined. | Diarrhœa and Enteritis. | Dysentery. | Infantile Debility and Malformation including Premature Birth. | Diseases of the Respiratory System. | Convulsions. | All Causes. | Percentage of death in age-period to the total deaths under 1 year of age. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 7 days .. .. | .. | .. | .. | 2 | 25 | .. | 1,641 | 31 | 112 | 1,850 | 21.4 |
| 1 to 4 weeks .. .. | 8 | .. | 1 | 12 | 111 | 2 | 1,022 | 64 | 115 | 1,354 | 15.6 |
| Total under 4 weeks .. | 8 | .. | 1 | 14 | 136 | 2 | 2,663 | 95 | 227 | 3,204 | 37.0 |
| 4 weeks to 6 months .. | 54 | 5 | 1 | 35 | 189 | 27 | 595 | 1,111 | 228 | 2,371 | 27.2 |
| 6 months to 12 months.. | 103 | 49 | 2 | 77 | 233 | 54 | 134 | 2,073 | 105 | 3,113 | 35.8 |
| Total .. | 165 | 54 | 4 | 126 | 558 | 83 | 3,392 | 3,279 | 560 | 8,688 | 100.0 |

Of the total deaths among infants, 1,850 or 21.4 per cent. took place in the first week of life and 1,354 or 15.6 per cent. in the age-period of 1 to 4 weeks.

The mortality among infants who had not completed the first month of life was thus 3,204 or 37.0 per cent. of the total infant deaths. The number of deaths in the groups 4 weeks or 6 months and 6 to 12 months was 2,371 and 3,113 being respectively 27.2 and 35.8 per cent.

TABLE OF PERCENTAGE OF INFANT DEATHS FROM PRINCIPAL CAUSES AT SEVERAL AGE-PERIODS IN 1937.

| Age-Period. | Small-pox. | Measles. | Malarial Fever. | Ague and Remittent Fever and Fever not defined. | Diarrhœa and Enteritis. | Dysentery. | Infantile Debility and Malformation including Premature Birth. | Diseases of the Respiratory System. | Convulsions. | Other Causes. | All Causes. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 7 days .. .. | 0.0 | 0.0 | 0.0 | 0.1 | 1.4 | 0.0 | 88.8 | 1.6 | 6.0 | 2.1 | 100.0 |
| 1 to 4 weeks .. .. | 0.6 | 0.0 | 0.0 | 0.9 | 8.2 | 0.1 | 76.3 | 4.0 | 8.5 | 1.4 | 100.0 |
| 4 weeks to 6 months .. | 2.2 | 0.2 | 0.0 | 1.5 | 8.0 | 1.0 | 25.0 | 47.0 | 9.5 | 5.6 | 100.0 |
| 6 to 12 months .. .. | 3.3 | 1.5 | 0.0 | 2.5 | 7.5 | 1.7 | 4.4 | 66.6 | 3.4 | 9.1 | 100.0 |
| Total .. | 2.0 | 0.6 | 0.0 | 1.5 | 6.4 | 1.0 | 39.0 | 37.8 | 6.4 | 5.3 | 100.0 |

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of deaths in the first 4 weeks of life and the large proportion of deaths from Respiratory diseases during the remaining 11 months of infancy.

**Infant Mortality by Months.**—The sub-joined table shows the number of deaths among infants in each month of the year. For comparison the monthly total number of deaths at ages of 1 year and upwards is also inserted.

| Age-Period. | NUMBER OF DEATHS. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total |
| Under 1 year.. | 651 | 567 | 670 | 697 | 745 | 695 | 919 | 944 | 664 | 720 | 658 | 758 | 8,688 |
| 1 year and upwards .. | 1,909 | 1,628 | 1,770 | 1,828 | 1,894 | 1,689 | 1,774 | 1,923 | 1,781 | 1,854 | 1,830 | 2,200 | 22,080 |

Table No. 13 appended to the Report shows the number of deaths among infants under one year of age by causes in detail and by months.

**Infantile Mortality by Races.**—The following table shows the death-rates among infants of different Nationalities and Castes:—

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1937.

| Race or Caste. | Deaths under 1 year. | No. of Births registered. | Infant Mortality per 1,000 of births registered. |
|---|---|---|---|
| Hindus, low caste .. .. .. .. | 1,513 | 4,986 | 303 |
| Hindus, other castes .. .. .. .. | 5,148 | 20,215 | 254 |
| Mussalmans (including Negro Africans) .. | 1,256 | 5,984 | 209 |
| Parsees .. .. .. .. .. .. | 108 | 1,012 | 106 |
| Jews .. .. .. .. .. .. | 37 | 319 | 116 |
| Indian Christians .. .. .. .. | 559 | 2,595 | 215 |
| Anglo-Indians .. .. .. .. .. | 18 | 140 | 128 |
| Europeans .. .. .. .. .. | 8 | 140 | 57 |
| Buddhists .. .. .. .. .. | 14 | 45 | 311 |
| Other and Unknown Castes .. .. .. | 27 | 19 | .... |
| Total .. | 8,688 | 35,455 | 245 |

**Infant Mortality by Sections.**—The death-rate among infants under one year of age per 1,000 births registered in several sections in the City are shown in the last column of Table No. 2 appended.

In the case of each death of an infant, special inquiries were made by the District Registration Staff as to whether the birth of the child had taken place in the City or outside it, and if the former whether the birth was registered in the City before or after death. The result of this inquiry is embodied in the sub-joined statement with a view to ascertain the incidence of infant mortality in a class of population inhabiting a particular locality.

Statement showing the place of birth of Children who died before completing twelve months of age in 1937.

| Ward. | Sections. | Bombay Born. | | Born out of Bombay. | Total. |
|---|---|---|---|---|---|
| | | Births Registered. | | | |
| | | Before Death. | After Death. | | |
| A | Upper Colaba .. .. .. | 6 | 2 | 3 | 11 |
| | Middle and Lower Colaba .. | 74 | 11 | 20 | 105 |
| | Fort, South .. .. .. | 3 | 1 | 5 | 9 |
| | Fort, North .. .. .. | 117 | 22 | 50 | 189 |
| | Esplanade .. .. .. | 55 | 9 | 17 | 81 |
| B | Mandvi .. .. .. | 183 | 31 | 12 | 226 |
| | Chukla .. .. .. | 68 | 12 | 29 | 109 |
| | Umarkhadi .. .. .. | 239 | 41 | 14 | 294 |
| | Dongri .. .. .. | 69 | 14 | 53 | 136 |
| C | Market .. .. .. | 143 | 23 | 42 | 208 |
| | Dhobi Talao .. .. .. | 209 | 31 | 80 | 320 |
| | Fanaswadi .. .. .. | 133 | 27 | 82 | 242 |
| | Bhuleshwar .. .. .. | 192 | 31 | 43 | 266 |
| | Khara Talao .. .. .. | 117 | 18 | 4 | 139 |
| | Kumbharwada .. .. | 172 | 30 | 19 | 221 |
| D | Khetwadi .. .. .. | 197 | 29 | 57 | 283 |
| | Girgaum .. .. .. | 162 | 28 | 69 | 259 |
| | Chowpati .. .. .. | 45 | 11 | 11 | 67 |
| | Walkeshwar .. .. .. | 43 | 9 | 51 | 103 |
| | Mahalakshmi .. .. | 141 | 27 | 55 | 223 |
| E | Mazgaon .. .. .. | 201 | 34 | 73 | 308 |
| | Tarwadi .. .. .. | 242 | 41 | 102 | 385 |
| | Second Nagpada .. .. | 67 | 14 | 29 | 110 |
| | Kamathipura .. .. | 204 | 33 | 63 | 300 |
| | Tardeo .. .. .. | 149 | 24 | 44 | 217 |
| | Byculla .. .. .. | 488 | 74 | 155 | 717 |
| | First Nagpada .. .. | 11 | 3 | 15 | 29 |
| F | Parel .. .. .. .. | 291 | 61 | 91 | 443 |
| | Sewri .. .. .. .. | 169 | 31 | 51 | 251 |
| | Sion .. .. .. .. | 531 | 74 | 120 | 725 |
| G | Mahim .. .. .. .. | 302 | 59 | 176 | 537 |
| | Worli .. .. .. .. | 841 | 109 | 155 | 1,105 |
| | Harbour, Docks, Railways and Unknown .. .. | 23 | 9 | 38 | 70 |
| | Total .. | 5,887 | 973 | 1,828 | 8,688 |
| | Percentage .. | 67.6 | 11.1 | 21.3 | 100.0 |

This information has been introduced only since 1930 and during these seven years, a material change is noticed. The percentage of deaths amongst children born in the mofussil and not registered in the City to the total infant deaths in 1937 is 21.3 against 20.1 in 1936, 18.3 in 1935, 14.2 in 1934 and 12.6 in 1933.

INFANT MORTALITY BY THE NUMBER OF ROOMS OCCUPIED IN 1937.

| Number of Rooms. | Births. | | Deaths in Infants. | | Infant Mortality per 1,000 Births Registered. | |
|---|---|---|---|---|---|---|
| | Number. | Percentage. | Number. | Percentage. | 1937. | 1936. |
| Roadside .. .. | .. | .. | 29 | 0.3 | .. | .. |
| 1 Room and under .. | 24,967 | 70.4 | 6,823 | 78.5 | 273 | 272 |
| 2 Rooms .. .. | 6,051 | 17.1 | 1,298 | 14.9 | 214 | 235 |
| 3 Rooms .. .. | 1,483 | 4.2 | 319 | 3.7 | 215 | 231 |
| 4 or more Rooms .. | 1,473 | 4.1 | 141 | 1.7 | 95 | 98 |
| Information not available .. .. .. | 1,481 | 4.2 | 78 | 0.9 | 52 | 55 |
| Total .. | 35,455 | 100.0 | 8,688 | 100.0 | 245 | 249 |

The percentage of population occupying tenements of one room to the total number of occupants of all classes of tenements in the City by the Census of 1931 was 74. Of the 35,455 births registered in the year, 24,967 or 70.4 per cent. occurred in families living alone in a single room or sharing it with others and the number of deaths in infants in this class of population was 6,823 or 78.5 per cent. of the total infant mortality. The information regarding the tenement in the case of the last item in the above table was not available as cases of confinement were admitted from the Suburbs in different Maternity Homes in the City.

It will also be observed from the statement that the rate of deaths among infants in single room tenements per 1,000 births in such tenements during the year was 273 as against 272 in 1936 and that the proportion of deaths to births varies inversely as the number of rooms occupied by the parents.

## Prevention of Infantile Mortality.

The work which is being done in Bombay for the reduction of infant mortality may be described under the following heads :—

(*i*) Visits by the Municipal District Nurses for the purpose of getting into touch with prospective mothers and for discovering cases of sickness especially among women and children and unvaccinated children ; for enquiry into the condition of new born infants ; and for giving instructions by homely talks as to the care and rearing of children.

(*ii*) Attendance on confinements.

(*iii*) Provision of necessaries and comforts during the lying-in period.

(*iv*) Maternity Homes.

(*v*) Infant Welfare Centres and Infant Milk Depots.

**Municipal Nurses.**—The number of Municipal Nurses employed is ten, one being attached to each of the ten District Registrars' Offices. They visit daily the localities and the chawls inhabited by the poor and help to diffuse and popularise elementary knowledge of the principles of health and hygiene and to carry such knowledge into the homes and lives of the ignorant ; they give advice on the prevention of disease and the care and up-bringing of infants and bring to the notice of the authorities unregistered births, unvaccinated children and cases of sickness ; they also persuade prospective mothers to go to the Maternity Homes provided for them free. Where this provision is not taken advantage of, they attend on the women in their own houses providing them with bedding for their confinement, and with food in shape of milk and bread during the first seven days of the puerperal period. The visits of the Nurses are frequently the means of bringing to the Municipal Dispensaries sick persons who would otherwise either not know the existence of the facilities provided or knowing would, through indifference and apathy, neglect to benefit by them. These visits are doing much good and are welcomed and appreciated by those for whose benefit they are paid.

**Summary of Work.**—During the year the Municipal Nurses paid 30,002 visits to houses, chawls and huts (against 26,750 in 1936), inquired into 1,045 cases of ordinary sickness and reported 115 cases of infectious diseases and 126 deaths in female population of the City. They also attended on 1,219 confinements (against 1,193 in 1936) and verified the reports of the Birth Karkoons on 7,272 births.

The following table summarises the information obtained by the Nurses in attendance on confinements and in visits to infants and young children :—

SUMMARY OF INQUIRIES AND OF WORK OF MUNICIPAL NURSES AND MIDWIVES, 1932-1937.

| | 1932. | 1933. | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|---|---|
| Total number of births (including still-born) registered .. | 30,914 | 32,264 | 36,089 | 36,757 | 38,334 | **37,795** |
| Percentage of still-births to the total number of births registered .. .. .. .. .. .. .. | 6.5 | 6.7 | 6.6 | 6.8 | 6.8 | **6.2** |
| Number verified by the Nurses .. .. .. .. | 9,142 | 8,642 | 10,563 | 11,850 | 10,449 | **12,220** |
| Percentage of number verified to the total .. .. | 29.6 | 25.9 | 29.3 | 32.2 | 29.1 | **32.3** |
| Percentage of the confinements unattended .. .. | 4.8 | 3.4 | 3.6 | 3.2 | 4.5 | **4.5** |
| Percentage of confinements attended by unskilled women .. .. .. .. .. .. .. | 27.5 | 26.0 | 17.1 | 13.2 | 17.9 | **16.5** |
| Percentage of the confinements attended by qualified Nurses (other than Municipal) .. .. .. .. | 10.0 | 7.9 | 6.9 | 2.8 | 3.3 | **2.5** |
| Percentage of the confinements attended by Municipal Nurses .. .. .. .. .. .. .. | 12.4 | 15.5 | 12.1 | 11.0 | 11.4 | **9.9** |
| Percentage of children born in Hospitals .. .. .. | 46.3 | 44.9 | 43.1 | 40.2 | 49.2 | **37.1** |
| Percentage of children born in healthy condition .. | 68.1 | 70.2 | 66.3 | 50.8 | 73.5 | **52.3** |
| Percentage of children fed on breast .. .. .. | 73.9 | 71.9 | 57.2 | 59.2 | 71.8 | **53.3** |
| Percentage of children dying within 30 days .. .. | 7.3 | 6.9 | 5.9 | 5.5 | 5.1 | **5.6** |
| Percentage of the cases where the mothers leave home for work .. .. .. .. .. .. .. | 26.4 | 24.8 | 25.6 | 23.4 | 28.7 | **23.4** |

It will be seen from the above table that the total number of 37,795 births (including 2,340 still-births) registered in the City during the year under report, 12,220 or 32.3 were verified by the Municipal Nurses as against 10,449 or 29.1 per cent. in 1936.

The proportion of births wholly unattended was 4.5 per cent. among the cases where inquiries were made, and that of confinements attended by unskilled women 16.5 as against 4.5 and 17.9 respectively in 1936.

The percentage of confinements attended by qualified midwives (other than Municipal) was 2.5 as against 3.3 in 1936 and that of confinements attended by Municipal midwives was 9.9 as against 11.4 in the previous year. The percentage of children born in Hospital (37.1) showed a decrease of 12.1.

The percentage of children born in healthy condition was 52.3 as against 73.5 in the preceding year and that of children fed on breast was 53.3 as against 71.8 in 1936.

The proportion of children dying within 30 days of birth rose from 5.1 to 5.6.

The percentage of mothers who left home for work leaving their children to the care of others was 23.4 as against 28.7 in 1936.

Relief to poor women during confinement in the shape of necessaries and comforts such as milk, bread, blankets, charpoys and linen was continued during the year and dispensed in 266 cases as against 251 in 1936 and 223 in 1935.

**Municipal Maternity Homes.**—There are now five Maternity Homes maintained by the Municipality.

The number of women admitted to the Homes and the number of beds in each Home was as follows :—

| Maternity Homes. | Number of Cases. | | Number of Beds. |
|---|---|---|---|
| | 1937. | 1936. | |
| Mahomed Haji Saboo Sidik's Maternity Home at Bellasis Road .. .. .. .. .. .. .. .. | 1,473 | 1,482 | 37 |
| Kamar Khanum Maternity Home at Victoria Cross Road .. | 1,421 | 1,322 | 50 |
| Mahomed Haji Saboo Sidik's Maternity Home at Imamwada .. .. .. .. .. .. .. .. | 989 | 974 | 19 |
| Mahomed Haji Saboo Sidik's Maternity Home at Worli .. | 774 | 692 | 16 |
| Sorabji Shapurji Engineer's Maternity Home at Khetwady. | 666 | 730 | 12 |
| Total .. | 5,323 | 5,200 | 134 |

The total number of women admitted during the year was 5,323 as against 5,200 in 1936. The number of cases confined in the Homes was 4,771 as against 5,493 in 1936. Of the women confined 883 were primiparæ.

The following statement gives the number of confinement cases in each of the Municipal, Government and Private institutions doing Maternity work during the last five years (1933-1937) :—

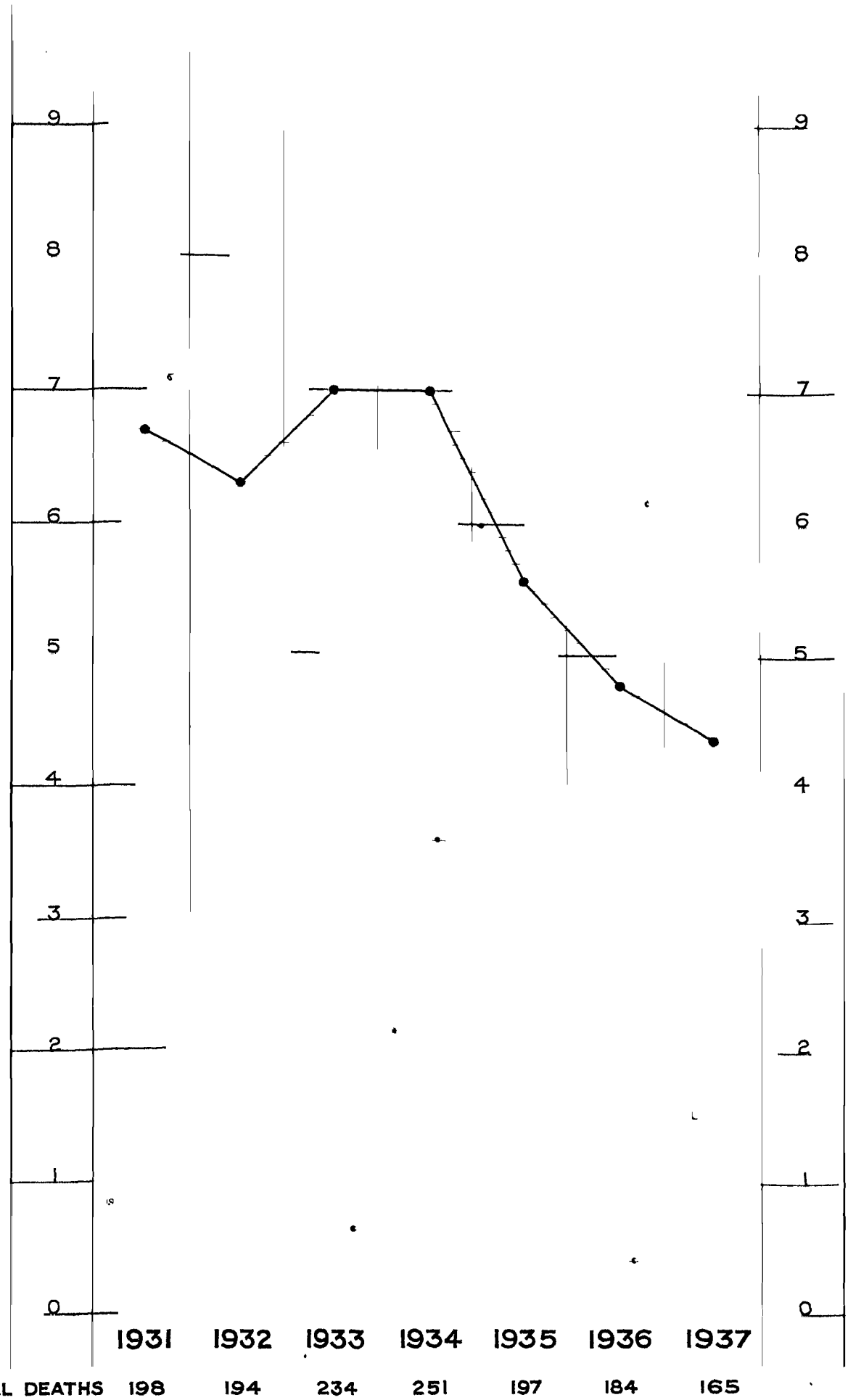
| Serial No. | Maternity Homes. | No. of Beds. | 1933. | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|---|---|---|
| 1 | Mahomed Haji Saboo Sidik's Maternity Home, Bellasis Road .. .. .. .. .. | 37 | 1,038 | 1,203 | 1,275 | 1,288 | **1,304** |
| 2 | Mahomed Haji Saboo Sidik's Maternity Home, Imamwada .. .. .. .. .. | 19 | 756 | 830 | 744 | 869 | **900** |
| 3 | Kamar Khanum Maternity Home, Victoria Cross Road .. .. .. .. .. | 50 | 1,211 | 1,108 | 1,073 | 1,116 | **1,225** |
| 4 | Mahomed Haji Saboo Sidik's Maternity Home, Worli .. .. .. .. .. .. | 16 | 636 | 558 | 533 | 624 | **717** |
| 5 | Sorabji Shapurji Engineer's Maternity Home, Khetwady .. .. .. .. .. | 12 | 585 | 685 | 722 | 696 | **625** |
| 6 | Infant Welfare Society's Home, DeLisle Road.. | 23 | 636 | 707 | 758 | 981 | **868** |
| 7 | Infant Welfare Society's Home, Worli .. .. | 32 | 485 | 632 | 778 | 778 | **756** |
| 8 | Wari Bunder Port Trust Maternity Home (conducted by Infant Welfare Society) .. | 14 | 481 | 512 | 586 | 620 | **674** |
| 9 | Ahilliabai Free Maternity Home.. .. .. | 6 | 42 | 35 | 32 | 54 | **43** |
| 10 | Ajinkya Hospital .. .. .. .. .. | 16 | 184 | 212 | 191 | 192 | **175** |
| 11 | Allbless and Cama Hospital .. .. .. | 65 | 2,974 | 3,005 | 3,088 | 3,193 | **3,137** |
| 12 | Amin's Maternity and Gynæcological Hospital. | 12 | 113 | 114 | 128 | 119 | **126** |
| 13 | B. D. Petit Parsee General Hospital .. .. | 10 | 24 | 31 | 24 | 36 | **23** |
| 14 | Bai Chanabai Peraj & Keshavji Damji, Esq., Maternity Home .. .. .. .. | 12 | 116 | 71 | 125 | 112 | **114** |
| 15 | Bai Motlabai & Petit Hospital .. .. .. | 40 | 1,695 | 1,565 | 1,373 | 1,363 | **1,361** |
| 16 | Bombay Nursing Home (Dr. Bhajekar's) .. | *Nil.* | 12 | 10 | 12 | 9 | **1** |
| 17 | Bhatia General Hospital .. .. .. .. | 10 | 61 | 71 | 73 | 49 | **79** |
| 18 | Bhatia Maternity Home .. .. .. .. | 20 | 317 | 371 | 376 | 393 | **371** |
| 19 | Dr. B. D. Patwardhan M. & G. Hospital .. | 12 | 145 | 130 | 106 | 132 | **156** |
| 20 | Dr. Bhansali's Maternity Home .. .. | 10 | 34 | 44 | 91 | 126 | **170** |
| 21 | Dr. C. M. Mehta's Hospital .. .. .. | 16 | 514 | 280 | 268 | 317 | **324** |
| 22 | Dr. D'Sa's Hospital .. .. .. .. | 12 | 161 | 208 | 206 | 199 | **204** |
| 23 | Drs. Kaikini and Tilak Hospital .. .. | 12 | 129 | 146 | 134 | 156 | **125** |
| 24 | Dr. Karande's Hospital .. .. .. .. | 12 | 159 | 181 | 157 | 205 | **177** |
| 25 | Dr. Kerawalla's Hospital (New Hospital for Women No. 2) .. .. .. .. .. | 15 | 285 | 269 | 422 | 207 | **197** |

| Serial No. | Maternity Homes. | No. of Beds. | 1933. | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|---|---|---|
| 26 | Dr. Parekh's Hospital .. .. .. .. | *Unrestricted* | 416 | 421 | 506 | 390 | **449** |
| 27 | Dr. J. M. Purandare's Hospital, Sandhurst Road | 11 | 301 | 350 | 344 | 206 | **49** |
| 28 | Dr. N. A. Purandare's Maternity and Gynæcological Hospital, Chowpaty Sea Face (opened on 10-7-1936) .. .. .. .. .. | 32 | .. | .. | .. | 143 | **332** |
| 29 | Dr. T. W. Sequeira's Maternity Home .. .. | 8 | .. | 33 | 37 | 37 | **38** |
| 30 | Dr. Miss M. N. Dalal Nursing Home .. .. | 6 | .. | 14 | 36 | 30 | **24** |
| 31 | Dholkawalla Maternity Home .. .. .. | 29 | 331 | 388 | 373 | 493 | **467** |
| 32 | Dhanvantari Hospital .. .. .. .. | 6 | 2 | 5 | 6 | 4 | **9** |
| 33 | Eugenie Maternity Home (Dr. Sequeira's ) .. | 8 | 61 | 90 | 94 | 83 | **107** |
| 34 | The Dadar Nursing Home (Dr. Ganti's) .. | 8 | 22 | 87 | 117 | 158 | **98** |
| 35 | Haji Karim Mahomed Suleman Maternity Home | 10 | 68 | 70 | 74 | 83 | **80** |
| 36 | Hospital for Women and Children, Tardeo .. | 25 | 183 | 203 | 219 | 225 | **181** |
| 37 | Kanchangowri Maternity Home .. .. | 35 | 1,033 | 1,104 | 1,150 | 1,107 | **926** |
| 38 | Laxmi Maternity Home .. .. .. .. | 10 | 72 | 88 | 96 | 120 | **93** |
| 39 | Machado Nursing Home .. .. .. .. | 6 | 50 | 44 | 53 | 55 | **44** |
| 40 | Masina Hospital .. .. .. .. .. | 40 | 252 | 247 | 196 | 161 | **157** |
| 41 | Mhasker Maternity Home .. .. .. | 25 | 412 | 485 | 478 | 510 | **539** |
| 42 | New Hospital for Women (New Queen's Road). | 15 | 92 | 286 | 422 | 455 | **472** |
| 43 | Nowroji Wadia Maternity Hospital .. .. | 150 | 4,734 | 4,653 | 4,654 | 4,728 | **5,070** |
| 44 | Patro Hospital .. .. .. .. .. | 3 | 9 | 26 | 49 | 75 | **100** |
| 45 | Parsee Lying-in Hospital .. .. .. | 50 | 435 | 352 | 383 | 393 | **327** |
| 46 | Poly Clinic .. .. .. .. .. | 5 | 23 | 44 | 62 | 55 | **116** |
| 47 | Rukmani Hindu Hospital .. .. .. | 15 | 333 | 392 | 345 | 579 | **369** |
| 48 | Rukhmabai Maternity Home .. .. .. | 12 | 77 | 112 | 140 | 167 | **144** |
| 49 | Sadguru Maternity Home .. .. .. | 10 | 188 | 238 | 251 | 298 | **261** |
| 50 | Sakinabai Moosabhai Jafferbhai Maternity Home .. .. .. .. .. .. | 14 | 210 | 272 | 322 | 416 | **304** |
| 51 | Seth Gordhandas R. Bhagat Kalbadevi Hindu Maternity Home .. .. .. .. | 25 | 314 | 366 | 451 | 498 | **576** |
| 52 | Sir Harkisandas Narottamdas Hospital .. | 30 | 343 | 463 | 423 | 439 | **552** |
| 53 | St. Elizabeth's Nursing Home .. .. .. | 4 | 27 | 31 | 33 | 54 | **57** |
| 54 | St. George's Hospital .. .. .. .. | 14 | 307 | 355 | 436 | 421 | **324** |
| 55 | St. Philomena's M. & N. Home .. .. .. | 12 | 13 | 15 | 15 | 29 | **41** |
| 56 | Surgical Nursing Home .. .. .. .. | *Nil.* | 4 | 2 | .. | 10 | **4** |
| 57 | Women's Clinic (Dr. Pagnis) .. .. .. | 8 | 62 | 95 | 183 | 182 | **165** |
| 58 | Yamunabai Nair Hospital .. .. .. | 8 | 162 | 159 | 138 | 192 | **162** |
| 59 | Dadar Maternity Home .. .. .. | 5 | .. | .. | 13 | 35 | **36** |
| 60 | Swastic Maternity Home .. .. .. | 4 | .. | .. | 53 | 65 | **25** |
| 61 | Bai Sonabai & Ratanbai Maternity Home. | 12 | .. | .. | 57 | 196 | **187** |
| 62 | Florence Maternity & Nursing Home (Dr. Miss Khambata) .. .. .. .. .. | 6 | .. | .. | 2 | 45 | **35** |
| 63 | Mandvi Maternity Home (Mrs. Laxmibai Paradker) .. .. .. .. .. | 7 | .. | .. | .. | 79 | **123** |
| 64 | Colony Nursing Home .. .. .. .. | 2 | .. | .. | .. | 31 | **46** |
| 65 | Jankibai Maternity Home.. .. .. .. | 5 | .. | .. | .. | 52 | **26** |
| 66 | Drs. Kaikini and Tilak Hospital (Dadar Branch). | 7 | .. | .. | .. | 84 | **93** |
| 67 | Ramabai Maternity and Gynæcol. Hospital .. | 4 | .. | .. | .. | 23 | **17** |
| 68 | Women's Clinic (Dr. V. M. Kerkar) .. .. | 9 | .. | .. | .. | 7 | **45** |
| 69 | Dr. Saibai Ranade Hospital .. .. .. | 5 | .. | .. | .. | 16 | **50** |
| 70 | Rukmanibai Maternity Home (opened on 1-12-1936) .. .. .. .. .. | 6 | .. | .. | .. | 3 | **88** |
| 71 | Yogeshwari Maternity Home (opened on 10-1-1937) .. .. .. .. .. | 10 | .. | .. | .. | .. | **66** |
| 72 | Gynaic Maternity Home (Dr. K. V. Pai's) (opened on 1-1-1937) .. .. .. .. | 4 | .. | .. | .. | .. | **126** |
| 73 | Boses Maternity Home (opened in January 1937) .. .. .. .. .. .. | 2 | .. | .. | .. | .. | **8** |

# D

# DIAGRAM

## RATE OF MATERNAL DEATHS PER 1000 OF BIRTHS 1931 – 1937.




| | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 |
|---|---|---|---|---|---|---|---|
| MATERNAL DEATHS | 198 | 194 | 234 | 251 | 197 | 184 | 165 |
| BIRTHS | 29368 | 30914 | 33264 | *36089 | 36757 | 38334 | 37795 |

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| Serial No. | Maternity Homes. | No. of Beds. | 1933. | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|---|---|---|
| 74 | New Nursing Home (Dr. S. K. Gokhale's) (opened on 14-2-37) | 4 | .. | .. | .. | .. | 6 |
| 75 | Dhanvantary Maternity Home Branch, French Bridge | .. | .. | .. | .. | .. | 4 |
| 76 | Bhagini Maternity Home (opened on 7-3-1937). | 8 | .. | .. | .. | .. | 30 |
| 77 | Habib Ismail Khoja Hospital (opened on 26-4-1937) | 12 | .. | .. | .. | .. | 134 |
| 78 | Bagwe Maternity Hospital (opened on 1-8-1937) | 8 | .. | .. | .. | .. | 16 |
| 79 | Nursing Home & Maternity Hospital (opened on 1-6-1937) | 6 | .. | .. | .. | .. | 25 |
| 80 | Matunga Nursing Home, King's Circle (opened on 15-7-1937) | 8 | .. | .. | .. | .. | 48 |
| 81 | Dr. Mrs. Kashibai R. Sathe Maternity Hospital (opened in November 1937) | 5 | .. | .. | .. | .. | 3 |
| 82 | Anglo-Ayurvedic Hospital (opened on 3-7-1937) | 2 | .. | .. | .. | .. | 5 |
| 83 | Dr. Desai Maternity Home | 2 | .. | .. | .. | .. | 2 |
| 84 | Dr. Thanawalla Hospital | 6 | .. | .. | .. | .. | 25 |
| 85 | Anand Maternity Home | .. | 39 | 55 | 43 | 28 | *Closed.* |
| 86 | Dr. Mrs. Saldanha Fernandez M. & G. Hospital | .. | 5 | 3 | 13 | *Closed.* | .. |
| 87 | Kushalini Maternity Home | .. | 21 | 29 | 5 | 6 | *Closed.* |
| 88 | Dr. Miss J. C. Pereira Maternity Home | .. | .. | .. | .. | 42 | Do. |
| 89 | Dr. Phadke's Maternity Hospital | .. | .. | 23 | 20 | *Closed.* | .. |
| 90 | Medical and Dietetic Clinic (Obstetric Department) | .. | .. | .. | 22 | 39 | *Closed.* |
| 91 | Dr. N. B. Kotak's Maternity Home | .. | 29 | 3 | *Closed.* | .. | .. |
| 92 | Dr. Mrs. Nalinibai Kalelkar's Women's Clinic | .. | 22 | 27 | 14 | *Closed.* | .. |
| 93 | Seva Sadan Hospital | .. | 22 | 27 | 14 | *Do.* | .. |
| 94 | George's Maternity Home | .. | .. | 9 | *Closed.* | .. | .. |
| 95 | Dr. Trivedi's Maternity and Children Hospital. | .. | 13 | *Closed.* | .. | .. | .. |
| 96 | Shri Laxmi Maternity Home | .. | 3 | *Do.* | .. | .. | .. |
| 97 | Saraswati Maternity Home | .. | 4 | *Do.* | .. | .. | .. |
| | Total | 1,264 | 23,427 | 24,635 | 25,433 | 27,187 | 27,758 |

It is interesting to note that out of 37,795 births (including 2,340 still-births) registered in the City in 1937, 27,758 or 73.4 per cent. took place in Maternity Homes, as against 70.9 per cent. in 1936.

**Maternal Mortality.**—The following table gives the classification of cases of death in Puerperal state in 1937, as required under Corporation Resolution No. 10544 of 30th March 1931 :—

| No. | Specific Causes of Death. | No. of Deaths. |
|---|---|---|
| | *Diseases of the Puerperal State.* | |
| 1 | Ante-partum Hæmorrhage | 7 |
| 2 | Post-partum Hæmorrhage | 23 |
| 3 | Toxæmias (Eclampsia, Hyperemesis Gravidarum Acute Yellow Atrophy Albuminuria) | 32 |
| 4 | Puerperal Sepsis (Sapræmia, Septicæmia, Phlegmasia Alba Dolens Coli Infection, etc.) | 49 |
| 5 | Embolism | 4 |
| 6 | Shock during or immediately after delivery | 7 |
| 7 | Anæmia of Pregnancy | 15 |
| 8 | Malaria (Complications of Pregnancy.) | .. |
| 9 | Influenza, Pneumonia (Complications of Pregnancy.) | .. |
| 10 | T.B. (Complications of Pregnancy.) | .. |
| 11 | Heart Disease (Complications of Pregnancy.) | .. |
| 12 | Operative Interference | 1 |
| 13 | Rupture of Uterus | 4 |
| 14 | Breast Diseases | .. |
| 15 | Puerperal Insanity | 1 |
| 16 | Other Causes | 22 |
| | Total | 165 |

The attached chart in the case will be of interest.

**Infant Welfare Society.**—This Society has been doing good work. At the end of the year there were 7 centres, three Maternity Homes and one Creche at DeLisle Road. Each centre is in charge of a Lady Doctor (full-time), graduate of the Bombay University, under whom there is a Supervisor and a Health Visitor; the former is a fully qualified, diplomaed nurse and the latter is a qualified Health Visitor.

The Supervisor looks to the distribution of milk and assists the Lady Doctor at the Clinics and in advising mothers on infant management. The Health Visitor visits her district and persuades the expectant mothers to take advantage of the Maternity Home in the City and to bring their babies to Infant Welfare Centre for milk and treatment.

The Society provides through its Centres and Homes (*i*) advice and instruction to mothers as to infant management; (*ii*) treatment to infants for minor maladies; (*iii*) baths to infants; (*iv*) distribution of milk to the deserving expectant mothers and infants.

| | |
|---|---|
| Patients sent to Maternity Hospitals | 3,729 |
| Patients confined by our Nurses of Infant Welfare Society | 112 |
| Patients confined by Dais | 144 |
| Total admissions | 3,104 |
| Total deliveries | 2,315 |
| Ante-natal cases | 447 |
| Still-born babies | 72 |
| Abortions and Miscarriages | 44 |
| New admissions of Babies | 5,916 |
| Total attendance of babies at Clinics | 44,344 |
| Average daily attendance of babies for milk | 490 |
| Average daily attendance of babies for Bath | 389 |
| New admissions of expectant mothers | 6,301 |
| Total attendance of expectant mothers at Clinics | 26,097 |
| Total number of new expectant mothers visited in their homes | 7,082 |
| Total number of revisits paid to all expectant mothers in their homes | 34,287 |
| Total number of delivery cases conducted by Infant Welfare Society Nurses | 146 |

## METEOROLOGY OF 1937.

Table No. 23 appended to the Report gives the meteorological data of 1937.

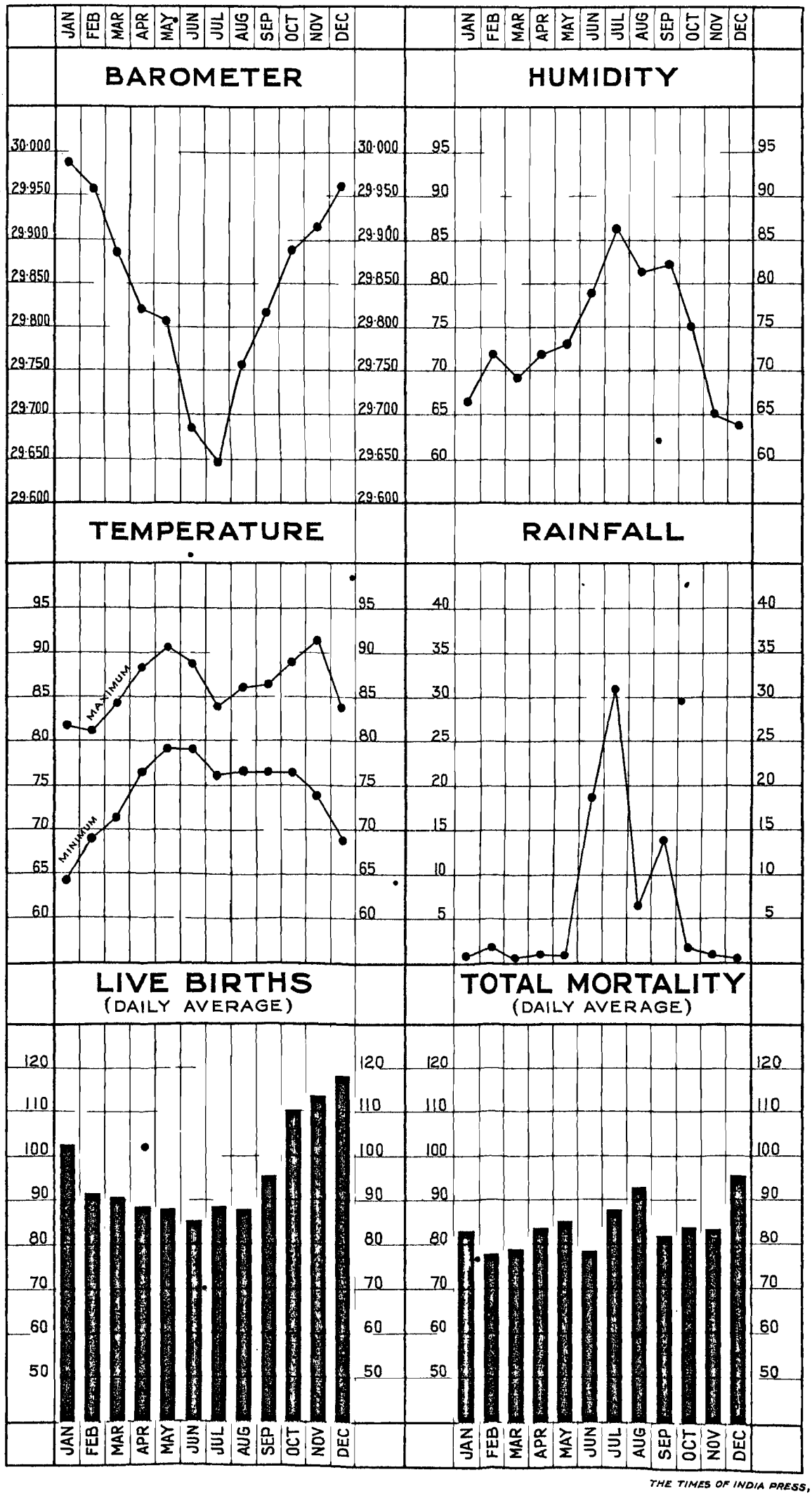
**Rainfall.**—The total rainfall recorded at the Colaba Observatory during the year 1937 was 70.72 against 58.43 in 1936, and 81.62 in 1935 and was 0.18 inches above the normal (70.54). Rain fell on 109 days during the year against 113 days in 1936 and 101 in 1935.

The maximum monthly rainfall was 30.42 inches in July against 32.63 inches in June

# E

# DIAGRAM

## DAILY MEAN BIRTHS DEATHS AND CLIMATIC CONDITIONS IN BOMBAY IN 1937.


JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
BAROMETER
30·000 29·950 29·900 29·850 29·800 29·750 29·700 29·650 29·600
HUMIDITY
95 90 85 80 75 70 65 60
TEMPERATURE
MAXIMUM
MINIMUM
95 90 85 80 75 70 65 60
RAINFALL
40 35 30 25 20 15 10 5
LIVE BIRTHS
(DAILY AVERAGE)
120 110 100 90 80 70 60 50
TOTAL MORTALITY
(DAILY AVERAGE)
120 110 100 90 80 70 60 50

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## EPIDEMIC AND OTHER DISEASES.

## EPIDEMIC AND OTHER DISEASES.

**Notification of Infectious Diseases.**—Under the existing provisions of the Municipal Act, Medical Practitioners are to report to the Health Authorities cases of Infectious diseases noticed or treated by them. As this provision was not considered sufficient to ensure detection of cases of infectious diseases on account of the tendency of the people to hide their existence, it was proposed to Government to amend the Municipal Act so as to make it incumbent on the head of the family, the owner and occupiers of the building to report the existence of an infectious disease to the Health Authorities in order to enable them to take prompt measures. The proposal was however, subsequently dropped.

The cases of infectious diseases during the year numbered 5,123. Under Section 421 of the Municipal Act, 327 cases were notified by Medical Practitioners as against 320 in 1936. No cases were notified by Hakims and Vaidyas who are not required by law to do so. 4,796 cases or 93.6 per cent. of the total number were reported by the District Registrars.

The diseases to which the notifications received related are set out by Section in Table No. 4 (Appendix).

| Year. | Number of notifications received from | | | Reported by Municipal Registrars. | Percentage of total notifications to the total No. of cases registered. |
|---|---|---|---|---|---|
| | Medical Practitioners. | Hakims and Vaidyas. | Total. | | |
| 1932 .. .. | 293 | .... | 293 | 2,454 | 10.6 |
| 1933 .. .. | 520 | .... | 520 | 6,521 | 7.4 |
| 1934 .. .. | 331 | .... | 331 | 2,859 | 10.4 |
| 1935 .. .. | 371 | .... | 371 | 4,864 | 7.1 |
| 1936 .. .. | 320 | .... | 320 | 4,514 | 6.6 |
| 1937 .. .. | 327 | .... | 327 | 4,796 | 6.8 |

**Plague.**—The Plague was absent during the year, against two attacks and two deaths in 1936.

**Plague Measures.**—The usual preventive and precautionary measures, namely, (*i*) Inoculation, and (*ii*) Rat Destruction, were continued during the year.

(*i*) INOCULATION.—During the year 236 inoculations against plague were performed at the Haffkine Institute.

(*ii*) RAT DESTRUCTION.—The total number of rats collected and destroyed during the year was 7,03,850 against 6,87,487 in 1936. It will be seen from the following statement that of the 7,03,850 rats collected and sent to the Haffkine Institute, 1,87,187 were examined and no rat was found infected. The last date on which an infected rat was detected in the city was 11th October 1934.

STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE HAFFKINE INSTITUTE, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1937.

| Months. | Number of Rats sent to the Haffkine Institute. | Number of Rats Examined. Total. | Number of Rats found Infected. | Ratio Per Cent. |
|---|---|---|---|---|
| January .. .. | 65,887 | 14,554 | *Nil.* | *Nil.* |
| February .. .. | 57,829 | 11,839 | | |
| March .. .. | 57,911 | 11,553 | | |
| April .. .. | 56,824 | 16,636 | | |
| May .. .. | 53,752 | 12,897 | | |
| June .. .. | 51,020 | 12,869 | | |
| July .. .. | 56,308 | 16,245 | | |
| August .. .. | 51,183 | 16,651 | | |
| September .. .. | 53,332 | 15,405 | | |
| October .. .. | 73,145 | 19,896 | | |
| November .. .. | 62,416 | 19,270 | | |
| December .. .. | 64,243 | 19,372 | | |
| Total .. | 7,03,850 | 1,87,187 | *Nil.* | *Nil.* |

**Small-pox.**—Small-pox caused during the year 688 deaths as against 906 in 1936, and 956 the average for the decennium 1927-36. The number of attacks from Small-pox registered during the year was 1,197 (including 41 imported cases), against 1,411 in 1936.

The death-rate from Small-pox during the year was 0.6 as against 0.8 in 1936 and 0.8 the average during the ten years (1927-36).

The number of deaths from Small-pox by months is shown in Table No. 12 and by Sections in Table No. 10 (Appendix).

The disease was sporadic through the year though from the 4th week of December it had to be declared as epidemic on account of the increase in the number of attacks and deaths to the epidemic proportions. Vigorous steps were taken to have all contacts and other citizens vaccinated or re-vaccinated, and this helped in holding the disease in check. However, the efforts of this department made in this direction did not result in eradicating the ravages of the disease completely on account of the reluctance of a portion of the public to get themselves re-vaccinated.

The number of primary vaccinations done during the year was 35,151 against 29,662 in 1936 and that of re-vaccinations 71,957, as against 61,388, in 1936. One hundred and sixty-five deaths from Small-pox occurred among children under one year of age during the year. Of these 150 were not vaccinated (62 being under six months of age), while 12 were vaccinated during incubation period and the vaccinal condition of 3 children was not known.

All other precautionary measures were also taken for the prevention of the spread of the disease.

It is an acknowledged fact that absolute protection against Small-pox is obtained only by vaccination. As the immunity extends only to 7 years, re-vaccination before the expiry of that period after primary vaccination, of all children under the age of 14 years should be compulsory. But as has already been stated in the last year's report, compulsory re-vaccination cannot be enforced under the existing provisions of the Bombay Vaccination Act 1877. The necessary amendments to the said Act proposed by the Corporation so as to make re-vaccination compulsory in the case of all children under 14 years of age are already under the consideration of Government.

**Cholera.**—During the year 5 attacks (all being imported) and 4 deaths from Cholera were registered as against 5 attacks and 5 deaths in 1936.

Of these 5 attacks, 2 were registered in April, 1 in May, 1 in July, and 1 in August.

**Influenza.**—Influenza was recorded as the cause of 68 deaths during the year as against 71 in 1936 and 82 the average for the preceding decennium (1927-36).

**Enteric Fever.**—The following table shows the number of cases of Enteric Fever registered in each month during the year. The number of deaths from this cause is shown in Table No. 10 by Sections and in Table No. 12 (Appendix) by months :—

| Disease. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enteric Fever .. | 26 | 21 | 24 | 34 | 46 | 63 | 46 | 48 | 70 | 65 | 51 | 62 | 556 |

**Diphtheria.**—The following table shows the number of cases of Diphtheria registered in each month during the year. The number of deaths from this cause is shown in Table No. 10 by Sections and in Table No. 12 (Appendix) by months :—

| Disease. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diphtheria .. | 17 | 11 | 4 | 8 | 5 | 11 | 3 | 13 | 22 | 23 | 16 | 22 | 155 |

**Tuberculosis.**—The number of deaths from Tuberculosis was 2,037 and the death-rate 1.7 per 1,000 of the population. Of these 1,768 were due to Phthisis (Pulmonary Tuberculosis) and 269 to other Tuberculous Diseases. The annual death-rates in previous years from Tuberculosis have been as follows :—

| Period. | Annual Death-rate from Tuberculosis. | | |
|---|---|---|---|
| | Pulmonary. | Other Forms. | All Forms. |
| 1927-36 .. .. | 1.2 | 0.2 | 1.4 |
| 1932-36 .. .. | 1.3 | 0.2 | 1.5 |
| 1936 .. .. .. | 1.5 | 0.2 | 1.7 |
| 1937 .. .. .. | 1.5 | 0.2 | 1.7 |

Of the deaths under Tuberculosis, 969 were among males and 1,068 among females. The disease caused a great number of deaths among persons in the age-group of 20 to 40 years. *Vide* Table No. 17 (Appendix).

## The Anti-Tuberculosis Measures.

There are four Special Tuberculosis dispensaries for out-patients at different places, *viz.* Sanitary Institute, Princess Street, 143, Foras Road, Colaba and Lalbaug, Parel. The last two clinics were newly opened in October 1937.

The Turner Sanatorium at Bhoiwada Hill, Parel, has accommodation for 40 patients for early cases of Pulmonary Tuberculosis.

Each dispensary is in charge of a qualified Tuberculosis Officer, with a fully trained nurse working under his direction. In addition to her duties at the dispensary, the nurse visits the homes of patients attending the dispensary and reports on the following form which is subsequently attached to the patient's case sheet :—

| | | Good. | Fair. | Bad. |
|---|---|---|---|---|
| House | Situation .. .. | | | |
| | Gen. Condition .. .. | | | |
| | Ventilation .. .. | | | |
| | | **Male.** | **Female.** | **Children.** |
| Family | Number .. .. | | | |
| | State of Health .. .. | | | |
| | Previous Deaths .. .. | | | |
| Patient | Living .. .. | | | |
| | Diet .. .. | | | |
| | Habits .. .. | | | |

Income of the Household.

No. of inmates dependent on the patient.

During her domiciliary visits, the nurse distributes printed propaganda leaflets and advises patients and their relatives about ventilation, diet, clothing and general sanitation. The " Contacts " are brought to the dispensary for examination. Their record is entered on a Special Printed " Contact Card. " The investigation of contacts is one of the most important functions of the dispensary.

The diagnosis at the dispensary is made on clinical and bacteriological findings. Doubtful cases and those suitable for A. P. Treatment are X-Rayed. After a careful diagnosis, patients are directed to suitable institutions for treatment, *viz.*, early cases are admitted to the Turner Sanatorium; Surgical cases are referred to the K.E.M. Hospital and advanced cases are directed to the Maratha Hospital. Patients who are unable to take institutional treatment as in-patients, those kept under observation and chronic cases discharged from Hospitals and Sanatorium, receive treatment at the dispensary. The treatment is mainly symptomatic. Injections of gold, antimony, calcium, arsenic and Tuberculin are given to suitable cases.

Details of the work carried out at the four tuberculosis dispensaries during the year 1937 :—

(1) Total number of new admissions suffering from Tuberculosis :—

(*a*) Pulmonary Tuberculosis—1,993—87.3 per cent.
(*b*) Non-Pulmonary Tuberculosis—288—12.7 per cent.

(2) Tuberculosis cases analysed according to caste and sex :—

| Caste. | Male. | Female. |
|---|---|---|
| Hindu .. .. .. .. .. | 564 | 460 |
| Mahomedan .. .. .. .. .. | 352 | 671 |
| Parsee .. .. .. .. .. | 19 | 7 |
| Christian .. .. .. .. .. | 119 | 68 |
| Jew .. .. .. .. .. | 10 | 12 |
| Total .. | 1,064 | 1,218 |

Distribution according to Age :—

| Upto age of | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| T. B. Cases. | 165 | 186 | 515 | 545 | 353 | 204 | 154 | 61 | 99 | 2,282 |

| | |
|---|---|
| Total number of Sputa Examined .. .. .. .. | 1,052 |
| Total number of Contacts investigated .. .. .. | 1,885 |
| Total number of Domiciliary visits .. .. .. .. | 3,643 |
| Total number of Attendances .. .. .. .. | 25,343 |

## Turner Sanatorium.

Out of the 40 beds provided at the Turner Sanatorium, 20 are reserved for male cases and 20 for female cases. Remaining at the end of 1936, there were 24 patients. 197 new cases were admitted in 1937. This brings the total number of patients treated in 1937 to 221. Out of 221 cases, 188 were discharged; 33 cases remained at the end of the year.

The 188 discharged cases were classified as follows :—

| | |
|---|---|
| 1st stage (Congestion) .. .. .. .. .. .. | 59 |
| 2nd stage (Consolidation) .. .. .. .. .. | 76 |
| 3rd stage (Cavitation) .. .. .. .. .. .. | 43 |
| T. B. Abdomen .. .. .. .. .. .. | 7 |
| T. B. Spine .. .. .. .. .. .. .. | 3 |
| Total .. | 188 |

The result of the treatment is as follows :—

| | |
|---|---|
| Improved .. .. .. .. .. .. .. .. | 141 |
| Not improved .. .. .. .. .. .. .. | 34 |
| Died .. .. .. .. .. .. .. .. | *Nil.* |
| *In status quo* .. .. .. .. .. .. .. | 13 |
| Total .. | 188 |

The above figures indicate that the treatment at the Sanatorium produced improvement in 75.0 per cent. of cases discharged during the year.

The diagnosis of cases was based on clinical, bacteriological and radiographic findings.

The average duration for each patient was just over 3 months, except in cases showing progressive improvement where a longer stay was justifiable.

On admission, the patient was kept strictly in bed, until the evening temperature became normal or as in some cases never more than 99° F. He was then gradually made to sit up. Further movements, progressively leading to graduated exercises, were regulated in accordance with the pulse, temperature and weight of the patient. Favourable cases were put on graduated exercises. They usually commenced with 50 to 100 yards " Level " and gradually worked upto 600 yards, or in some cases even upto 1,000 yards, " Graduated " twice a day. The increase or decrease in the amount of exercise was controlled by the reactions produced.

Besides rest, fresh air, nutritious dieting, graduated exercises and symptomatic treatment, various injections were given, particularly those of Gold, Calcium and Antimony. Artificial Pneumo-thorax was induced in a few select cases with beneficial results.

The mortality from Tuberculosis for the last five years is slightly on the increase as wil be seen from the total deaths from the disease and the death-rate given below :—

| Year. | Deaths. | Death-rate. |
|---|---|---|
| 1932 | 1,389 | 1.2 |
| 1933 | 1,594 | 1.4 |
| 1934 | 1,856 | 1.6 |
| 1935 | 1,929 | 1.7 |
| 1936 | 1,993 | 1.7 |
| 1937 | 2,037 | 1.7 |

It is usually estimated that for every death from Tuberculosis there are at least ten persons suffering from the disease. Calculated on this basis, there are more than 19,000 Tuberculous cases in the City. This is an underestimate, as a good many Tuberculous cases must be leaving the City for their country and ultimately dying there. It is therefore necessary to take more active steps for the control of this disease.

A complete scheme to control Tuberculosis consists of (1) Preventorium *i.e.*, a place for bringing up children of tubercular patients and of children in the pre-tuberculous stage; (2) Tuberculosis dispensaries for treatment of tubercular cases and for carrying out intensive propaganda against Tuberculosis and for thorough investigation of " contacts "; (3) A Sanatorium for treatment of Tubercular patients in early stages; (4) A Hospital for the isolation and treatment of advanced cases; (5) A Colony for those who have been relieved from the disease by treatment, to prevent their going back to their old residences and occupations.

The cost of establishing a Preventorium and a Colony, would be prohibitive and these have been left out of consideration at present. The other activities are at present carried on and some more extensions have also been sanctioned by the Corporation.

Outline of the existing and proposed general activities of Anti-Tuberculosis Campaign in the City :—

The Anti-Tuberculosis Campaign in Bombay is under the control of the Public Health Department. There are four Anti-Tuberculosis Clinics, two of which were newly opened in October 1937. There is a Sanatorium situated at Bhoiwada Hill, Parel, known as the Turner Sanatorium, with an accommodation of 40 beds for early cases of Pulmonary Tuberculosis, *i.e.* 20 for males and 20 for females. The Corporation have sanctioned the proposal for constructing an additional accommodation of 40 beds at the Sanatorium and a provision of Rs. 53,000 for meeting half the cost of the same, while the Governor's Hospital Fund Committee has been requested to bear the remaining half of the cost. When these beds are completed, 80 beds will be available for the treatment of early cases of Tuberculosis. The Maratha Hospital situated at Connaught Road has an accommodation for 80 beds for advanced cases. The establishment of a new Tuberculosis Hospital at Sewri close to the Turner Sanatorium—with 100 beds for the treatment of advanced cases has been under contemplation since some time and when it is completed, it will replace the existing Maratha Hospital. For this new Hospital, a handsome donation of Rs. 1,50,000 has been given to the Corporation by Mr. and Mrs. Maneklal Premchand. Surgical treatment at the Turner Sanatorium and at the Maratha Hospital is carried out by the Honorary

Surgeon specially appointed for the purpose. Artificial Pneumothorax is performed in suitable cases. The sputa from the various tuberculosis institutions are examined at the Municipal Laboratory. The sputum examination of specimens referred by Medical Practitioners is undertaken free of charge—at the Municipal Laboratory. The X-Ray examination is hitherto being carried out at the K. E. M. Hospital. The Standing Committee has now sanctioned the purchase of a new X-Ray Plant which would be installed at the Tuberculosis Clinic at Princess Street where patients from different institutions mentioned above would be X-rayed and screened.

Tuberculosis patients are referred to the anti-tuberculosis clinics by medical practitioners, the doctors in charge of the ordinary Municipal dispensaries, the School Medical Officers and Medical Officers in charge of Railways, Port Trust, Mills and Factories. A good number of patients approach direct on their own accord for advice and treatment.

The Public Health Department issues a list of notified cases from time to time. All tuberculous cases registered at the clinics and all notified cases are, as already stated, visited at their homes by the nurses attached to the Clinics for propaganda work. The examination of the contacts is very thoroughly carried out through the co-operation of the Tuberculosis Officer and the Visiting-Nurse. In addition to the usual methods adopted for the investigation of contacts, the contacts from positive Sputum cases, suffering from suspicious signs or symptoms of Tuberculosis are screened and a separate record of such contacts is kept on a special printed card—described as 'Contact Screening card.'

The nurses at the Clinics in addition to their first visits, re-visit the same houses from time to time throughout the year so as to keep up the continuity of the campaign. In the year 1937, 3,643 domiciliary visits were paid by the nurses. A special diary is kept by each nurse showing the number of houses visited and re-visited, the advice given and a general description of the contacts.

The Tuberculosis Clinic at Princess Street has a Tuberculosis Museum which is open to the Public for a few hours every day. It contains a number of wall posters illustrating the incidence and dangers of tuberculosis and also emphasising the methods of prevention. Besides the posters, there are a few instructive models and Pathological specimens.

The Bombay Sanitary Association, of which the Executive Health Officer is the Honorary Secretary and the activities of which are exercised under his direct guidance, shows lantern slides on Tuberculosis to the students of the Sanitary Classes. During Public Health Exhibitions, the Association arranges for a Tuberculosis stall in co-operation with the Municipal Tuberculosis Department. In the year 1937, the Health Visitor appointed by the Association gave 120 lectures on Tuberculosis at different places in the City. 48 lectures were given with the aid of magic lantern slides in Municipal Schools, Public Institutions and Chawls in the City, while the remaining 72 lectures were given with the exhibition of cinema films.

The Anti-Tuberculosis activities carried out by the Bombay Municipality have, on the whole, produced a remarkable awakening amongst the Public to the dangers of Tuberculosis. In order to organise and supervise all Municipal Anti-tuberculosis activities, the Corporation is contemplating the appointment of a Medical Superintendent (Tuberculosis) who shall be in sole charge of all Municipal Tuberculosis Institutions.

The average total annual expenditure incurred at present in connection with all Tuberculosis Institutions mentioned above is Rs. 1,30,000.

**Leprosy.**—SPECIAL CENTRES FOR DETECTION AND TREATMENT OF LEPROSY CASES :—Leprosy is an Infectious Disease, more amenable to treatment in its early stage. As the facilities at present available for the detection of early cases of this disease have been found to be inadequate looking to the number of persons suffering from the same, diagnostic centres for the treatment of such cases have been recently started in the ten Municipal Dispensaries under the control of the Health Department. For this purpose, the Medical Assistants already doing the dispensary work have been trained at the King Edward Memorial Hospital in the detection of leprosy cases and are doing this work from the middle of the year 1935.

Since the year 1935-36 the Corporation are sanctioning a grant of Rs. 3,000 per year for the treatment of cases of Leprosy in the compound of the Acworth Leper Home.

**Cerebro-Spinal Meningitis.**—Cases of Cerebro-Spinal Meningitis reported during the year numbered 244 including 28 imported, as against 356 in 1936 and the total number of deaths from the same was 156 during the year, as against 231 in 1936.

In order to check the spread of the disease, measures such as isolation of the patients, disinfection of the infected places and prophylactic inoculation of the contacts with anti-meningococal vaccine supplied by the Haffkine Institute were taken. For the convenience of the public, special arrangements were also made whenever and wherever necessary for inoculation free of charge. Arrangements have been made to treat contacts daily between 9 and 10 a.m. (B.T.) with nasal and throat disinfection at an Inhalator already installed for this purpose at the Municipal Camp at Sukhlaji Street and the contacts were advised to avail themselves of the facilities offered. They were also advised to avoid crowded rooms and practise instillation of a few drops of 1-250 Accriflavian Solution into the nose and gargling with 1-5000 Potassium Permanganate. During the year, 240 cases were treated in the Arthur Road Hospital. Out of them, 144 proved fatal, 96 were discharged as cured.

## Malaria.

Malaria was registered as the cause of 73 deaths. 1,298 deaths were registered as due to Ague and Remittent Fevers. A considerable proportion of the number under the last two heads probably represents cases of wrong diagnosis or diagnosis based on insufficient or incorrect data.

AVERAGE NUMBER OF DEATHS :—The number of deaths from Malaria and from Ague and Remittent Fevers in 1937 were 73 and 1,298 and the annual averages in the ten years 1927 to 1936 as shown in table No. II were 164 and 1,407 respectively.

Out of the total number of deaths due to Malaria.—

24 were certified by Medical Practitioners,
21 were certified by Hospitals,
28 were verified by the staff after making inquiries from the relatives.

Inspection of houses and destruction of larvæ were carried on, on a systematic plan. The wards of the City have been sub-divided into areas and each overseer is given an area expected to be covered within a week. Breeding places detected were immediately dealt with. Minor structural and other defects likely to result in the breeding of mosquitoes were remedied by the staff and action was taken against owners only when the works required were extensive and costly or the defects recurred again and again.

**Quinine and Cinchona.**—For the treatment of patients attending the Municipal dispensaries, Municipal Maternity and Infectious Diseases Hospitals, 78 lbs. 4 ozs. of Quinine and 48 lbs. 4 ozs. of Cinchona Febrifuge were used during the year. 23,425 IV grain tablets of Quinine Sulphate and 37,895 tablets of Cinchona Febrifuge were also distributed.

Statement showing the quantities and costs of disinfectants, etc., used during the year :—

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| (1) | Oil furnace .. .. .. .. | 10,040 | gallons | Rs. | 1,366 | 0 | 0 |
| (2) | Kerosene oil 125° (inferior quality) .. | 7,143 | ,, | ,, | 3,125 | 0 | 0 |
| (3) | Lysotol .. .. .. .. .. | 825 | ,, | ,, | 1,573 | 0 | 0 |
| (4) | Paris Green .. .. .. .. | 3 | Cwts. | ,, | 195 | 0 | 0 |
| | | | | Total Rs. .. | 6,259 | 0 | 0 |

The following table shows the work of inspection done by the staff during the year :—

| Ward. | No. of houses | | No. of containers holding water | |
|---|---|---|---|---|
| | Inspected. | Found breeding. | Inspected. | Found breeding. |
| A .. | 97,220 | 955 | 262,055 | 1,186 |
| B .. | 129,618 | 392 | 146,346 | 553 |
| C .. | 216,597 | 494 | 162,887 | 594 |
| D .. | 213,785 | 5,467 | 532,533 | 6,184 |
| E .. | 209,136 | 2,448 | 188,721 | 2,833 |
| F .. | 70,996 | 1,256 | 153,872 | 1,653 |
| G .. | 83,123 | 3,571 | 183,079 | 4,500 |
| Total .. | 1,020,475 | 14,583 | 1,629,493 | 17,503 |

NOTE.—In the above table, the breeding recorded includes all the local varieties of mosquitoes.

Statement showing month by month the total number of wells, cisterns, etc., which were found breeding Anopheles mosquitoes during the year 1937 :—

| Breeding noticed in | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cisterns .. .. .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 | 5 | 4 | 4 | 2 | 19 |
| Depressions, ruts, etc. .. | 2 | 5 | 3 | 10 | 3 | 12 | 159 | 238 | 75 | 49 | 24 | 15 | 595 |
| Dye blocks .. .. .. | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 4 |
| Fountains .. .. .. | .. | .. | .. | 3 | .. | 2 | 2 | 2 | 1 | 5 | 3 | .. | 18 |
| Ghanies, masonry tanks, masonry kundies .. .. | 1 | 2 | 5 | 6 | 5 | 10 | 7 | 15 | 9 | 8 | 8 | 3 | 79 |
| Grass plots, low lands and quarry holes .. .. | 3 | 4 | 10 | 10 | 2 | 7 | 5 | 9 | 7 | 5 | 2 | 3 | 67 |
| Gully traps, storm water entrances .. .. .. | 2 | 3 | .. | 2 | 2 | 2 | 1 | 8 | 4 | 1 | 6 | 3 | 34 |
| Lotus ponds, pits, puddles, etc. .. .. .. .. | 8 | 4 | 4 | 2 | 1 | 3 | 13 | 19 | 22 | 9 | 13 | 11 | 109 |
| Machineries .. .. .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 |
| Mill tanks or ponds .. .. | 4 | .. | 3 | 2 | 2 | 2 | 2 | 6 | 4 | 9 | 9 | 3 | 46 |
| Open or partially open wells .. | 8 | 16 | 18 | 21 | 8 | 10 | .. | 10 | 13 | 31 | 26 | 17 | 178 |
| Open storm water drains .. | .. | .. | 2 | .. | .. | 1 | .. | 7 | 5 | 4 | 5 | .. | 24 |
| Roof gutters, terraces, etc. .. | .. | .. | .. | .. | .. | .. | 3 | 8 | 1 | 2 | | .. | 14 |
| Tins, tubs, barrels, etc. .. | .. | 1 | .. | 1 | .. | 6 | 1 | 6 | 6 | 5 | .. | .. | 26 |
| Total .. | 30 | 36 | 47 | 57 | 23 | 55 | 194 | 331 | 152 | 133 | 100 | 57 | 1,215 |

Statement showing by wards the total number of wells, cisterns, etc., which were found breeding Anopheles mosquitoes during the year 1937.

| Breeding noticed in | Wards. | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | |
| Cisterns .. .. .. .. | 1 | 4 | .. | 2 | 8 | 3 | 1 | 19 |
| Depressions, ruts, etc. .. .. | 40 | 5 | 3 | 152 | 255 | 31 | 109 | 595 |
| Dye blocks .. .. .. .. | .. | .. | .. | .. | .. | 3 | 1 | 4 |
| Fountains .. .. .. .. | .. | 2 | .. | 4 | 11 | .. | 1 | 18 |
| Ghanies, masonry tanks, masonry kundies .. .. .. .. | 3 | 1 | .. | 11 | 30 | 18 | 16 | 79 |
| Grass plots, low lands and quarry holes .. .. .. .. | .. | .. | .. | .. | .. | 42 | 25 | 67 |
| Gully traps, storm water entrances | 1 | .. | .. | 22 | 6 | 3 | 2 | 34 |
| Lotus ponds, pits, puddles, etc. .. | 4 | 4 | .. | 9 | 80 | 8 | 4 | 109 |
| Machineries .. .. .. .. | .. | .. | .. | .. | 2 | .. | .. | 2 |
| Mill tanks or ponds .. .. .. | .. | .. | .. | .. | 17 | 12 | 17 | 46 |
| Open or partially open wells .. | 4 | .. | .. | 1 | 19 | 64 | 90 | 178 |
| Open storm water drains .. .. | 2 | .. | .. | 3 | 18 | .. | 1 | 24 |
| Roof gutters, terraces, etc. .. .. | 1 | .. | .. | .. | 11 | 2 | .. | 14 |
| Tins, tubs, barrels, etc. .. .. | 2 | .. | .. | 6 | 9 | 7 | 2 | 26 |
| Total .. | 58 | 16 | 3 | 210 | 466 | 193 | 269 | 1,215 |

Statement showing month by month the total number of wells, cisterns, etc., where Anopheles stephensi was found breeding during the year 1937 :—

| Containers. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cisterns, overhead tanks .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 | 3 | 5 | 4 | 1 | 17 |
| Cattle troughs .. .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 2 | 1 | .. | 5 |
| Fountains .. .. .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | 1 | .. | .. | 4 |
| Iron barrels .. .. .. | .. | .. | .. | .. | .. | 1 | .. | .. | 3 | 3 | .. | .. | 7 |
| Machinery parts .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Masonry tanks .. .. | .. | .. | 1 | .. | 2 | 1 | .. | .. | .. | .. | 1 | .. | 5 |
| Open channels .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 |
| Pits .. .. .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | .. | .. | 3 |
| Pools .. .. .. .. | .. | .. | .. | 2 | 1 | .. | 3 | 1 | 3 | .. | .. | 1 | 11 |
| Quarry holes .. .. .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Roof gutters .. .. .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 2 |
| Storm water entrances .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Terraces .. .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Wells .. .. .. | .. | 1 | 2 | 2 | 1 | 1 | .. | 1 | .. | 6 | 2 | 1 | 17 |
| Wooden tubs .. .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Total .. | 1 | 2 | 4 | 11 | 4 | 5 | 6 | 4 | 11 | 19 | 10 | 3 | 80 |

Statement showing by wards the number of wells, cisterns, etc., where Anopheles stephensi were found breeding during the year 1937 :—

| Containers. | Wards. | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | |
| Cisterns .. .. .. .. | 1 | 4 | .. | 2 | 7 | 3 | .. | 17 |
| Masonry tanks .. .. .. | .. | .. | .. | .. | 5 | .. | .. | 5 |
| Wells .. .. .. .. .. | 3 | .. | .. | 1 | 9 | 4 | .. | 17 |
| Fountains .. .. .. .. | .. | .. | .. | .. | 4 | .. | .. | 4 |
| Machinery parts .. .. .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Cattle troughs .. .. .. | .. | .. | .. | .. | 5 | .. | .. | 5 |
| Channels .. .. .. .. | .. | .. | .. | .. | 2 | .. | .. | 2 |
| Pools .. .. .. .. .. | 3 | .. | .. | .. | 8 | .. | .. | 11 |
| Terraces .. .. .. .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Pits .. .. .. .. .. | 1 | .. | .. | .. | 1 | 1 | .. | 3 |
| Wooden tubs .. .. .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Roof gutters .. .. .. .. | 1 | .. | .. | .. | 1 | .. | .. | 2 |
| Quarry Holes .. .. .. | .. | .. | .. | .. | .. | 3 | .. | 3 |
| Iron barrels .. .. .. .. | 1 | .. | .. | .. | 3 | 3 | .. | 7 |
| Storm water entrances .. .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Total .. | 10 | 4 | .. | 3 | 49 | 14 | .. | 80 |

**Spleen Rate.**—Children of the poorer classes were examined for enlargement of spleen in dwelling houses and in Charitable Institutions. Out of 765 children examined 3 were found to have enlarged spleen. The spleen rate for the wards mentioned was .39. Details by sections are given in the table below :—

| Ward. | Sections. | No. of children examined. | No. of children found with enlarged spleen. | Percentage. |
|---|---|---|---|---|
| A .. | Esplanade .. .. | 104 | 1 | .96 |
| B .. | Dongri .. .. | 100 | 1 | 1.00 |
| D .. | Mahalaxmi .. .. | 126 | *Nil* | .... |
| E .. | Tardeo .. .. | 101 | *Nil* | .... |
| E .. | Byculla .. .. | 153 | *Nil* | .... |
| F .. | Parel .. .. | 81 | 1 | 1.23 |
| G .. | Worli .. .. | 100 | *Nil* | .... |
| | Total .. | 765 | 3 | .39 |

The Medical Inspectors appointed by the Schools Committee carried out spleen examination among the children attending the Municipal Schools. The results are shown in the following table :—

| Ward. | Sections. | No. of pupils examined. | No. of pupils found with enlarged spleen. | Percentage. |
|---|---|---|---|---|
| B | Mandvi .. .. .. | 794 | 13 | 1.64 |
| | Chukla .. .. .. | 129 | 1 | .78 |
| | Umerkhadi .. .. | 568 | 9 | 1.58 |
| | Dongri .. .. .. | .... | .... | .... |
| C | Market .. .. .. | 236 | 2 | .85 |
| | Dhobi Talao .. .. | 1,041 | 4 | .38 |
| | Fanaswadi .. .. | 820 | 4 | .49 |
| | Bhuleshwar .. .. | 491 | 12 | 2.44 |
| | Khara Talao .. .. | 197 | 2 | 1.02 |
| | Kumbharwada .. .. | 547 | 6 | 1 09 |
| D | Khetwadi .. .. | .... | .... | .... |
| | Girgaum .. .. | 1,321 | 5 | .38 |
| | Chowpatty .. .. | 36 | .... | .... |
| | Walkeshwar .. .. | 535 | 3 | .56 |
| | Mahalaxmi .. .. | 665 | 4 | .60 |
| E | Mazgaon .. .. | .... | .... | .... |
| | Tarwadi .. .. .. | .... | .... | .... |
| | 2nd Nagpada .. .. | ... | .... | .... |
| | Kamathipura .. .. | 276 | 1 | .36 |
| | Tardeo .. .. .. | .... | .... | .... |
| | Byculla .. .. .. | 117 | 2 | 1.71 |
| | 1st Nagpada .. .. | 102 | 2 | 1.96 |
| F | Parel .. .. .. | 1,901 | 32 | 1.68 |
| | Sewri .. .. .. | 493 | 7 | 1.42 |
| | Sion .. .. .. | 1,381 | 14 | 1.01 |
| G | Mahim .. .. .. | 1,774 | 34 | 1.92 |
| | Worli .. .. .. | .... | .... | .... |
| | Total .. | 13,424 | 157 | 1.17 |

A cosmopolitan school in Esplanade Section engaged its own medical man to examine the students attending the school. The results of the spleen examination furnished by the Head Master are shown in the following table :—

| Castes. | Number of students examined. | Number having enlarged spleen. | Percentage. |
|---|---|---|---|
| Parsis .. .. .. | 718 | *Nil.* | .... |
| Hindus .. .. .. | 659 | 1 | 0.15 |
| Mahomedans .. .. .. | 341 | *Nil.* | .... |
| Total .. | 1,718 | 1 | 0.06 |

**Blood Slides.**—The following table shows the number of slides taken by the Medical Officers in charge of Municipal dispensaries and examined in the Municipal laboratory during the year 1937. Out of 1,390 slides 145 were found positive for malaria :—

| | Dispensaries. | | Number of slides. | | |
|---|---|---|---|---|---|
| | | | Examined. | Found positive. | Percentage. |
| 1. | No. 1 District Dispensary | A Ward | 104 | 15 | 14.42 |
| 2. | Colaba Dispensary .. | ,, ,, | 223 | 12 | 5.38 |
| 3. | No. 3 District Dispensary | B ,, | 36 | 3 | 8.33 |
| 4. | No. 4 ,, ,, | C ,, | 6 | .... | .... |
| 5. | No. 5 ,, ,,(Khetwadi) | D ,, | 15 | 2 | 13.33 |
| 6. | No. 6 ,, ,, | ,, ,, | 78 | 4 | 5.13 |
| 7. | No. 7 ,, ,, | E ,, | 161 | 31 | 19.32 |
| 8. | No. 8 ,, ,, | ,, ,, | 107 | 7 | 6.54 |
| 9. | Bai Gowrabai Dispensary | ,, ,, | 119 | 11 | 9.24 |
| 10. | Bai Gulbai Choksey Dispensary | G ,, | 196 | 14 | 7.14 |
| 11. | DeLisle Road Dispensary | ,, ,, | 253 | 35 | 13.83 |
| 12. | Parbhadevi Dispensary .. | ,, ,, | 34 | 2 | 5.88 |
| 13. | Worli Dispensary .. | ,, ,, | 18 | 2 | 11.11 |
| 14. | Dharavi Dispensary .. | G ,, | 16 | 5 | 31.25 |
| 15. | Maratha Hospital .. | ,, ,, | 3 | 1 | 33.33 |
| 16. | Malaria Office .. | E ,, | 21 | 1 | 4.76 |
| | | Total .. | 1,390 | 145 | 10.43 |

**Municipal Dispensaries.**—The number of cases of Malaria treated month by month at the Municipal Dispensaries during the year 1937 is shown in the following table. In the preceding year the number of patients treated was 1,191:—

| Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 81 | 79 | 63 | 70 | 73 | 69 | 101 | 89 | 87 | 120 | 159 | 91 | 1,082 |

**Admission in Institutions.**—The following table shows the number of Malaria cases admitted and treated in different Institutions in the City during the year 1937 :—

| | Name of the Institution. | Admissions. |
|---|---|---|
| 1. | Colaba British Military Hospital .. .. .. .. .. .. | 29 |
| 2. | St. George's Hospital .. .. .. .. .. .. | 216 |
| 3. | Cama Albless Hospital .. .. .. .. .. .. .. | 17 |
| 4. | Sir J. J. Hospital .. .. .. .. .. .. .. .. | 4,470 |
| 5. | Sir D. M. Petit and Motlabai Hospital .. .. .. .. .. | 9 |
| 6. | Northcote Police Hospital .. .. .. .. .. .. .. | 1,153 |
| 7. | G. I. P. Railway Dispensary .. .. .. .. .. .. | 328 |
| 8. | Adams Wylie Hospital .. .. .. .. .. .. .. | 46 |
| 9. | Bomanji Dinshaw Parsee General Hospital .. .. .. .. | 47 |
| 10. | Yamunabai Nair Hospital .. .. .. .. .. .. .. | 631 |
| 11. | Arthur Road Hospital .. .. .. .. .. .. .. | 12 |
| 12. | Maratha Plague Hospital .. .. .. .. .. .. | 22 |
| 13. | King Edward Memorial Hospital .. .. .. .. .. .. | 4,394 |
| 14. | Nowrosjee Wadia Maternity Hospital .. .. .. .. .. | 57 |
| 15. | B. B. & C. I. Railway Dispensary .. .. .. .. .. | 120 |
| 16. | Albless Charitable Dispensary .. .. .. .. .. .. | 166 |
| 17. | Bhatia General Hospital .. .. .. .. .. .. .. | 5 |
| 18. | Rachael Jacob Sassoon Dispensary .. .. .. .. .. | 1,294 |
| 19. | G. T. Hospital .. .. .. .. .. .. .. .. | 198 |
| 20. | Bai Jerbai Wadia Hospital for children .. .. .. .. .. | 105 |
| | Total .. | 13,319 |

**Wells.**—The following table shows by wards and sections the number of wells filled in, protected and examined for larvæ during the year 1937 :—

| Ward. | Sections. | Total in the locality. | Dealt with | | | Wells examined. | | | Examinations for larvæ. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Filled in. | Covered. | | Total. | Larvæ found. | Larvæ not found. | Total. | Positive. |
| | | | | Completely. | With trap door. | | | | | |
| A | Upper Colaba .. | 4 | .. | .. | .. | 4 | 1 | 3 | 99 | 1 |
| | Middle and Lower Colaba .. .. | 31 | .. | .. | .. | 31 | 1 | 30 | 500 | 1 |
| | Fort Southern .. | 18 | 1 | .. | .. | 18 | .. | 18 | 243 | .. |
| | Fort Northern .. | 289+1 | 15 | .. | .. | 290 | 8 | 282 | 4,977 | 29 |
| | Esplanade .. .. | 51 | .. | .. | .. | 51 | 3 | 48 | 964 | 6 |
| B | Mandvi .. .. | 54+2 | 2 | 1 | .. | 56 | 1 | 55 | 2,591 | 1 |
| | Chakla .. .. | 26 | .. | 2 | .. | 26 | 2 | 24 | 1,141 | 3 |
| | Umerkhadi .. | 20 | 1 | .. | .. | 20 | 1 | 19 | 917 | 5 |
| | Dongri .. .. | 4 | .. | .. | .. | 4 | .. | 4 | 184 | .. |
| C | Market .. .. | 171+2 | 6 | 2 | .. | 173 | 7 | 166 | 606 | 7 |
| | Dhobi Talao .. | 269 | 5 | .. | .. | 269 | 2 | 267 | 876 | 2 |
| | Fanaswadi .. | 161 | 8 | 4 | .. | 161 | 3 | 158 | 583 | 3 |
| | Bhuleshwar .. | 99 | .. | .. | .. | 99 | 5 | 94 | 578 | 5 |
| | Khara Talao .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Kumbharwada .. | 16 | .. | 1 | .. | 16 | 1 | 15 | 44 | 1 |
| D | Khetwadi .. .. | 125 | 1 | 1 | .. | 125 | 2 | 123 | 2,199 | 3 |
| | Girgaum .. .. | 171 | 6 | .. | .. | 171 | 1 | 170 | 3,066 | 8 |
| | Chowpatty .. .. | 52 | 3 | .. | .. | 52 | 1 | 51 | 1,032 | 1 |
| | Walkeshwar .. | 88 | 1 | 1 | .. | 88 | 1 | 87 | 2,035 | 1 |
| | Mahalaxmi .. | 79 | 2 | .. | .. | 79 | 3 | 76 | 1,783 | 8 |
| E | Mazgaon .. .. | 57 | .. | .. | .. | 57 | 8 | 49 | 2,160 | 8 |
| | Tarwadi .. .. | 54 | .. | .. | .. | 54 | 18 | 36 | 1,160 | 18 |
| | 2nd Nagpada .. | 1 | 1 | .. | .. | 1 | .. | 1 | 64 | .. |
| | Kamathipura .. | 4 | .. | .. | .. | 4 | 1 | 3 | 171 | 1 |
| | Tardeo .. .. | 22 | 2 | .. | .. | 22 | 6 | 16 | 974 | 6 |
| | Byculla .. .. | 24+1 | 1 | .. | .. | 25 | .. | 25 | 729 | .. |
| | 1st Nagpada .. | 2 | .. | .. | .. | 2 | 1 | 1 | 64 | 1 |
| F | Parel .. .. | 67 | 3 | 2 | .. | 67 | 12 | 55 | 2,808 | 120 |
| | Sewri .. .. | 27 | .. | 4 | .. | 27 | 2 | 25 | 832 | 25 |
| | Sion .. .. | 92 | 4 | 4 | .. | 92 | 17 | 75 | 4,836 | 190 |
| G | Mahim .. .. | 253+3 | 14 | 16 | .. | 256 | 64 | 192 | 7,276 | 435 |
| | Worli .. .. | 172+2 | 14 | 10 | .. | 174 | 41 | 133 | 4,768 | 277 |
| | Total .. | 2,503+11† | 90** | 48 | .. | 2,514 | 213 | 2,301 | 50,260 | 1,166 |

† These are newly discovered wells.

** Out of these 49 wells were H.C.C. and 41 open or partially open wells.

Statement showing the total number of wells in the City and their condition on 1st January 1938:—

| Ward. | Sections. | Total No. of wells in the City. | No. of wells open or partially open. | | | No. of wells H.C.C. with or without pump. | | |
|---|---|---|---|---|---|---|---|---|
| | | | Total No. | Open. | T.D. | Total No. | Without pump. | With pump. |
| A | Upper Colaba .. .. | 4 | 2 | 1 | 1 | 2 | 2 | .. |
| | Middle and Lower Colaba | 31 | 3 | 2 | 1 | 28 | 26 | 2 |
| | Fort Southern .. .. | 17 | .. | .. | .. | 17 | 16 | 1 |
| | Fort Northern .. .. | 275 | 25 | 22 | 3 | 250 | 236 | 14 |
| | Esplanade .. .. | 51 | 4 | 4 | .. | 47 | 40 | 7 |
| | Total .. | 378 | 34 | 29 | 5 | 344 | 320 | 24 |
| B | Mandvi .. .. .. | 54 | 7 | 5 | 2 | 47 | 39 | 8 |
| | Chukla .. .. .. | 26 | 5 | 3 | 2 | 21 | 17 | 4 |
| | Umerkhadi .. .. | 19 | 8 | 2 | 6 | 11 | 11 | .. |
| | Dongri .. .. .. | 4 | .. | .. | .. | 4 | 3 | 1 |
| | Total .. | 103 | 20 | 10 | 10 | 83 | 70 | 13 |
| C | Market .. .. .. | 167 | 40 | 10 | 30 | 127 | 75 | 52 |
| | Dhobi Talao .. .. | 264 | 64 | 16 | 48 | 200 | 154 | 46 |
| | Fanaswadi .. .. | 153 | 28 | 12 | 16 | 125 | 87 | 38 |
| | Bhuleshwar .. .. | 99 | 33 | 15 | 18 | 66 | 42 | 24 |
| | Khara Talao .. .. | .. | .. | .. | .. | .. | .. | .. |
| | Kumbharwada .. .. | 16 | 3 | 2 | 1 | 13 | 9 | 4 |
| | Total .. | 699 | 168 | 55 | 113 | 531 | 367 | 164 |
| D | Khetwadi .. .. | 124 | 18 | 8 | 10 | 106 | 90 | 16 |
| | Girgaum .. .. | 165 | 22 | 10 | 12 | 143 | 129 | 14 |
| | Chowpatty .. .. | 49 | 10 | 1 | 9 | 39 | 28 | 11 |
| | Walkeshwar .. .. | 87 | 26 | 14 | 12 | 61 | 38 | 23 |
| | Mahalaxmi .. .. | 77 | 24 | 9 | 15 | 53 | 33 | 20 |
| | Total .. | 502 | 100 | 42 | 58 | 402 | 318 | 84 |
| E | Mazgaon .. .. | 57 | 3 | 2 | 1 | 54 | 42 | 12 |
| | Tarwadi .. .. .. | 54 | 14 | 4 | 10 | 40 | 25 | 15 |
| | 2nd Nagpada .. .. | .. | .. | .. | .. | .. | .. | .. |
| | Kamathipura .. .. | 4 | 1 | .. | 1 | 3 | 3 | .. |
| | Tardeo .. .. .. | 20 | 5 | 3 | 2 | 15 | 10 | 5 |
| | Byculla .. .. .. | 24 | 1 | 1 | .. | 23 | 18 | 5 |
| | 1st Nagpada .. .. | 2 | 1 | .. | 1 | 1 | 1 | .. |
| | Total .. | 161 | 25 | 10 | 15 | 136 | 99 | 37 |
| F | Parel .. .. .. | 55 | 21 | 14 | 7 | 34 | 19 | 15 |
| | Sewri .. .. .. | 21 | 7 | 7 | .. | 14 | 8 | 6 |
| | Sion .. .. .. | 85 | 55 | 42 | 13 | 30 | 20 | 10 |
| | Total .. | 161 | 83 | 63 | 20 | 78 | 47 | 31 |
| G | Mahim .. .. .. | 233 | 158 | 155 | 3 | 75 | 44 | 31 |
| | Worli .. .. .. | 122 | 81 | 77 | 4 | 41 | 25 | 16 |
| | Total .. | 355 | 239 | 232 | 7 | 116 | 69 | 47 |
| Mills F | Parel .. .. .. | 9 | 5 | .. | 5 | 4 | 4 | .. |
| | Sewri .. .. .. | 6 | 4 | 3 | 1 | 2 | 2 | .. |
| | Sion .. .. .. | 3 | 3 | 1 | 2 | .. | .. | .. |
| | Total .. | 18 | 12 | 4 | 8 | 6 | 6 | .. |
| Mills G | Mahim .. .. .. | 9 | 8 | 4 | 4 | 1 | 1 | .. |
| | Worli .. .. .. | 38 | 32 | 4 | 28 | 6 | 6 | .. |
| | Total .. | 47 | 40 | 8 | 32 | 7 | 7 | .. |
| | Grand Total .. | 2,424 | 721 | 453 | 268 | 1,703 | 1,303 | 400 |

The total number of wells in the City was 2,424 including the 11 wells newly discovered during the year.

Almost all wells which have been decided or proposed to be retained have been stocked with larvacidal fish. The stock is replenished every six months.

**Cisterns.**—Defective non-mosquito-proof manhole covers were in response to letters or notices replaced by the new hinged cast iron standard pattern lids in 312 cases during the year. The total number of cisterns in the City is 46,321.

**Tanks.**—(1) Mill tanks—There are 87 mills (including a rubber Factory) in the City with 101 mill tanks or ponds. These constitute a potential source of mosquito nuisance. In the beginning of the year there were 5 mills participating in the scheme of oiling these tanks as devised by the Malaria Advisory Committee. 2 mills, however, fell out from the Scheme, subsequently, one in February and another in December 1937. The mill tanks were regularly examined and treated with larvicides when necessary. 32 tanks were found breeding at one time or the other during the year.

The following table shows the number of mill tanks found breeding in each month in the year 1937 :—

| Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 20 | 14 | 22 | 16 | 11 | 14 | 12 | 11 | 21 | 29 | 17 |

**Overhead cisterns in Mills.**—There were 193 tanks. Out of these 5 tanks were either removed or dismantled by the mill authorities and 3 tanks were newly installed during the year. There are now 191 tanks.

**Prosecutions.**—The following table shows the number of prosecutions instituted during the year 1937 with their results :—

| | |
|---|---|
| Number of prosecutions .. .. .. .. .. .. | 381 |
| Requirements completed before the service of summonses .. | 69 |
| Requirements completed after the service of summonses .. | 99 |
| Penalties inflicted .. .. .. .. .. .. .. | 137 |
| Cases dismissed .. .. .. .. .. .. .. | 49 |
| Cases pending .. .. .. .. .. .. .. | 32 |

## SUMMARY OF WORK DONE IN 1937.

| | |
|---|---|
| No. of wells filled in .. .. .. .. .. .. | 90 |
| ,, ,, ,, hermetically covered .. .. .. .. | 48 |
| ,, ,, ,, covered with trap doors .. .. .. .. | *Nil* |
| ,, ,, inspections of buildings .. .. .. .. .. | 1,020,475 |
| ,, ,, notices issued for wells, cisterns, etc. .. .. .. | 4,909 |
| ,, ,, cisterns made mosquito-proof .. .. .. .. | 1,852 |
| ,, ,, cisterns provided with standard pattern covers .. | 312 |
| ,, ,, children examined for enlargement of spleen .. .. | 765 |
| ,, ,, blood slides (random sampling) examined .. .. | 20 |
| ,, ,, blood slides examined of dispensary patients .. .. | 1,390 |
| ,, ,, pools treated with pesterine or kerosene oil emulsion | 21,022 |
| ,, ,, odd receptacles removed .. .. .. .. .. | 48,087 |
| ,, ,, low-lying areas filled in .. .. .. .. .. | *Nil* |
| ,, ,, large tanks filled in ( including mill tanks ) .. .. | *Nil* |
| ,, ,, correspondence papers (new cases dealt with) .. .. | 4,293 |

RESULTS OF ANTI-MALARIAL MEASURES FOR FIVE YEARS, 1933-1937 :—

| Year. | Mosquito breeding in or near houses. | No. of containers found breeding. | Breeding places of Anopheles mosquitoes. | Spleen rate in localities selected at random. | Spleen rate in schools in different localities. | Percentage of positive blood slides. | Attendance of patients in Municipal dispensaries for fevers and Malaria. |
|---|---|---|---|---|---|---|---|
| 1933 .. .. | 16,647 | 23,203 | 1,469 | 1.2 | 2.5 | 17.66 | 1,107 |
| 1934 .. .. | 18,132 | 23,451 | 2,186 | 3.88 | 3.2 | 15.96 | 1,931 |
| 1935 .. .. | 16,964 | 27,392 | 1,333 | 2.76 | 3.30 | 14.44 | 1,127 |
| 1936 .. .. | 18,155 | 21,539 | 1,925 | 2.22 | 1.61 | 18.85 | 1,191 |
| 1937 .. .. | 14,583 | 17,503 | 1,215 | .39 | 1.17 | 10.43 | 1,082 |

It is apparent from the above table that Malaria has not been eradicated but is being controlled.

## VENEREAL DISEASES.

Venereal Diseases are a social evil which being hidden through a sense of shame cannot be effectively dealt with save by a carefully devised combination of social and medical measures both on the preventive and curative sides. It was on this account that a Royal Commission was appointed in England in 1913 to examine the problem in all its aspects ; and as a result of its recommendations, elaborate curative and preventive measures were adopted in that country. In the wake of the English movement, a League for Combating Venereal Diseases was founded in Bombay in 1918 under voluntary management. The methods used in England and subsequently in all other European Countries were followed by the Bombay League through a Clinic which it established for the purpose. This Clinic was taken over by the Municipality in 1925 and is now situated at 254, Bellasis Road. It is a medium for a sustained combat against Venereal Diseases. The methods employed are :—

1. Prophylactic disinfection for those who expose themselves to the risk of contracting the disease, day and night.
2. Laboratory Diagnosis for the Clinic as well as for general practitioners, and for hospitals and dispensaries in Bombay where such facilities do not exist.
3. Treatment of men, women and children, all in one centre, morning and evening.
4. Follow-up work, *i.e.* tracing the source of infection of men attending the Clinic (wives and children being induced to attend if necessary) and apprisal of local social organisations of particular cases for necessary action in the field of welfare work.
5. Propaganda work—directly, by free distribution of leaflets and pamphlets and indirectly through social organisations.
6. Post-graduate courses for students and short refresher courses to medical practitioners.

The idea underlying an institution of this type is to secure a co-ordinated combat against a social evil by public enlightenment to bring out a secret disease, by public disinfection to protect society, by providing facilities to medical men to obtain diagnosis for their patients and training for themselves, and by maintaining follow-up work in order to induce patients to seek treatment and trace infected wives and children without which it would nullify our work on men and leave the vicious chain to perpetuate the disease in a family.

The following is the report of the Medical Officer in charge :—

**Total Attendances.**—The *total attendances* for the year under report are 76,615. During the last 3 years a definite attempt has been made to keep the numbers down by redirecting several cases every day to the J. J. Hospital Centre as it has been found to be physically impossible to cope with the rush with the limited space and staff available. In spite of this effort the attendance during these years has been rising as follows :—

| | | | |
|---|---|---|---|
| 1935 | .. | .. | 56,262 |
| 1936 | .. | .. | 58,926 |
| 1937 | .. | .. | 76,615 |

**New Admissions.**—During the year ending 31st December, 1937, the number of *consultations for diagnosis and treatment* was 5,762. The number who attended for *prophylactic disinfections* was 5,730. The *total of new persons* who took advantage of the Clinic during the year under report was 11,492.

**Consultations.**—The number of consultations for diagnosis and treatment in 1937 was 4,915 males and 847 females making a total of 5,762.

**Prophylaxis.**—Prophylactic disinfection as a method of preventing Venereal Diseases for those who have exposed themselves to the risk of contracting it has been carried out for the last three years. The Centre is open day and night. Total disinfections during 1937 :—5,730.

**Attendance.**—The daily average of new patients reporting for diagnosis or treatment and for prophylaxis and the average daily attendance was as follows :—

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| New patients | Males | 18.5 | Total | 21.7 | Total for Diagnosis and treatment. | | |
| | Females | 3.2 | | | | | |
| Old patients | Males | 208.7 | Total | 267.5 | 289.2 | | Total daily attendance. 304.9 |
| | Females | 58.8 | | | | | |
| Prophylaxis | Day | 3.4 | Total | 15.7 | Total for prophylaxis. 15.7 | | |
| | Night | 12.3 | | | | | |

**Sources.**—As a result of analysis of several years' figures it is found that the Clinic draws patients from the whole City and from outside Bombay as follows :—

40 per cent. from E Ward, 20 per cent. from D Ward, 12 per cent. from C Ward, 8 per cent. from A Ward, 7 per cent. from B Ward, 7 per cent. from F & G Wards, and 5 per cent. from outside Bombay.

**Racial Distribution.**—The racial distribution of all cases was as follows :—

| | Diagnosis and Treatment. | | Prophylaxis. |
|---|---|---|---|
| | Males. | Females. | |
| Mussalmans | 2,224 | 297 | 1,079 |
| Hindoos | 2,131 | 414 | 947 |
| Indian Christians | 349 | 106 | 658 |
| Parsees | 99 | 5 | 665 |
| Jews | 61 | 22 | 1,153 |
| Anglo-Indians | 19 | 1 | 866 |
| Europeans | 26 | 2 | 309 |
| Japanese, Chinese and other castes | 6 | — | 53 |
| | 4,915 | 847 | 5,730 |

**Distribution of Cases.**—Out of 5,762 cases registered during the year 1937 for diagnosis and treatment (4,915 males and 847 females), 219 cases (187 males and 32 females) ceased attending before the diagnosis was completed and 710 (597 males and 113 females) were diagnosed as non-venereal. The remaining 4,833 (4,131 males and 702 females) with the addition of 852 (694 males and 158 females) carried over from previous years make a total of 5,685 (4,825 males and 860 females) venereal cases which are classified as follows :—

| | Males. | Females. | Total. |
|---|---|---|---|
| Primary Syphilis | 518 | 104 | 622 |
| Secondary Syphilis | 439 | 180 | 619 |
| Late Tertiary Syphilis | 71 | 27 | 98 |
| Congenital Syphilis | 23 | 11 | 34 |
| Total | 1,051 | 322 | 1,373 |
| Acute and Sub-Acute Gonorrhœa | 2,110 | 291 | 2,101 |
| Chronic Gonorrhœa | 735 | 145 | 1,180 |
| | 2,845 | 436 | 3,281 |
| Non-Syphilitic Sores | 929 | 102 | 1,031 |

GRAND TOTAL 5,685 } 4,825 males and 860 females.

It is satisfactory to note that cases of primary syphilis and of acute gonorrhœa are increasing every year in relation to the numbers of secondary syphilis and chronic gonorrhœa. We have to record this year that the number of primary syphilis is actually in excess of those of secondary syphilis. As we have said before this is decidedly an indication that the public is taking advantage of treatment at an earlier stage of the disease.

**Non-Venereal Cases.**—In the total of consultations 710 cases were diagnosed as non-venereal. A non-venereal case demands a consultation which involves a careful Clinical examination and in most cases a number of pathological tests. Skin lesions, non-specific urethrities and female genital maladies form the bulk of these entries.

The increasing number of non-venereal cases is an indication that the public is being awakened to an increased sense of individual and collective responsibility. Some of these cases are referred by medical practitioners for *tests of curability*, some others come voluntarily or at request for *bills of health* and *marriage certificates*. Most of them are patients who have *exposed themselves* to infection and report of their own accord to make certain that they have not contracted the disease.

**Concomitant Diseases.**—Other ailments of which patients complain during the time they are under treatment for a venereal disease are treated at the Clinic to save the patient the inconvenience of attending at another institution while they have to frequent the Clinic. No form of treatment which is available at the Clinic is denied to them for these non-venereal ailments. It may be safely assumed that about 10 per cent. of all venereal cases also receive general medical, surgical or gynaecological treatment, a number which has to be reckoned when calculating the total number of cases which received treatment at the Clinic. A large number of skin cases is included in this list.

**Treatment.**—Syphilis is a disease which needs extensive courses of treatment. The period depends on the stage of the disease and the response of the patient to treatment, the minimum being about 18 months to 2 years and the maximum a lifetime series of courses. In the former case, a further period of a year or two is needed for observation and blood tests if a cure is aimed at.

A combination of injections of arsenical compounds and Bismuth have given quicker results. But this combination cannot always be used or maintained in all cases. Each individual case must be treated as an entity, the treatment varying with the type and nature of the disease the tolerance of the patient to a particular treatment and the effects obtained from different drugs exhibited. Other combinations used are Arsenic and Mercury, Arsenic and Iodides, Bismuth and Iodides and Mercury and Iodides in the form of injections, mixtures and pills. The necessity of exhibiting a variety of drugs or of changing the route of administration is especially called in cases which continue treatment for the full period or for a moderate term, often for reasons of intolerance or unsatisfactory response, but sometimes because such patients cannot attend for injections for a long time and are then recommended treatment by mouth during their absence.

Gonorrhœa is also a long drawn disease. In the absence of a quick and sure therapy through the blood, we continue to be convinced of the paramount importance of two principles to be observed in the modern treatment of gonorrhœa, namely, the maintenance of efficient drainage and the stimulation of an adequate resistance to the gonococcus by suitable vaccines. Daily irrigations and adequate manipulation and instrumentation to promote drainage; vaccines, helped by protein shocks to raise the resistance of patients and electric treatment for complications have given satisfactory results. Among the proprietary vaccines we now prefer the detoxicated ones. We also use a large number of stock and auto vaccines prepared at our laboratory.

**Laboratory Work.**—The routine work of the laboratory includes a number of urine tests, examination of wet specimens and stained smears (simple and Gram), etc., of which no account is kept. The following are the investigations carried out during the year of which a record is available:

| | |
|---|---|
| Wassermann Reactions .. .. .. .. | 915 |
| Kahn Tests .. .. .. .. .. .. | 1,661 |
| Dark ground Searches for T. P. .. .. .. | 3,621 |
| Cultures .. .. .. .. .. .. | 378 |
| Miscellanea (blood smears and counts spinal fluids, etc.).. .. .. .. .. .. | 158 |

During the year, the Haffkine Institute carried out 852 Wassermann Reactions for the Clinic.

**Investigations.**—The following investigations are being carried out :—

1. Value of Meinikes Precipitation Test in the diagnosis of Syphilis.
2. Evaluation of Specific Antitoxin Treatment in Gonorrhœa.
3. Chemo-Therapy of various drugs with particular reference to the Sulphanamide group.

**Result of treatment.**—The first aim of the Clinic is prevention of suffering and prevention of dissemination of venereal diseases from a public health point of view. This is attempted in many ways and the results of treatment in so far as it alleviates suffering and makes a patient non-infective has always produced very satisfactory results. In the matter of obtaining a cure the result in the case of non-syphilitic sores is excellent but in the case of syphilis and Gonorrhœa the percentage is moving up slowly. Conditions which prevailed in the past when abatement of painful symptoms was all that a patient cared for are gradually changing to an appreciation of the value of a cure due to our propaganda.

**Follow up work.**—The Nurse of the Clinic pays Domiciliary visits and in her daily rounds traces defaulters and induces members of the families of patients to come to the Clinic with a view to submitting them for examination.

**Propaganda.**—The *propaganda room* at the Clinic which contains a display of posters and exhibits is visited every day by patients and outsiders. Leaflets and pamphlets are distributed at the room and by the nurse in her house to house visits. At the *Information Bureau* inquiries verbal or written are answered. Outside propaganda is carried out through local social organisations details of which may be found in the reports of those organisations.

**Medical education.**—In view of the fact that post-graduate courses are now held in the teaching institutions in the City the courses which we held for many years and which trained a number of graduates who are today venereal specialists in many Government and Municipal Hospitals in India, have been stopped. Instead we now admit a limited number of Clinical Assistants for training.

**The Refresher courses for general practitioners** continue attracting medical visitors who are allowed to attend for short periods and practise methods of diagnosis and treatment.

## DISINFECTION.

The following table shows the number of cases of Infectious diseases removed to Hospitals, of houses vacated and disinfected and of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1937.

| On account of | Cases. | Cases removed to Hospitals. | Houses vacated. | Rooms disinfected. | Articles sterilized. |
|---|---|---|---|---|---|
| Plague .. .. | .... | .... | .... | .... | .... |
| Small-pox .. .. | 1,197 | 194 | .... | 1,232 | 1,057 |
| Measles .. .. | .... | 4 | .... | 93 | 50 |
| Chicken-Pox .. .. | .... | 14 | .... | 102 | 1,120 |
| Typhoid Fever .. | 556 | 2 | .... | 463 | 473 |
| Relapsing Fever .. | .... | .... | .... | .... | .... |
| Influenza .. .. | 25 | .... | .... | .... | .... |
| Cholera .. .. | 5 | .... | .... | 4 | 34 |
| Erysipelas .. .. | .... | .... | .... | 7 | .... |
| Leprosy .. .. | 28 | .... | .... | 1 | .... |
| Tuberculosis of Lungs | 2,343 | 16 | .... | 1,832 | 601 |
| Cerebro-Spinal Fever. | 244 | 5 | .... | 22 | 23 |
| Dead Rats .. .. | .... | .... | .... | .... | .... |
| Other Causes .. .. | .... | 6 | .... | 1,176 | 4,631 |
| Total .. .. | 4,398 | 241 | .... | 41,932 | 7,989 |

**Quantities and Cost of Disinfectants and Insecticides used.**—The following statement shows (*a*) the quantities used for disinfecting dwelling houses, rooms and other places such as house gullies, drains, privies, etc., (*b*) the total cost of the disinfectants used for each purpose, and (*c*) the total quantities in which each kind of disinfectant was used during the year ending 31st December 1937 and their total cost :—

| Name of disinfectant. | (*a*) Quantities of disinfectants used. (*i*) For disinfecting dwelling houses and rooms. | (*a*) (*ii*) For disinfecting other places such as house gullies, drains, privies, etc. | (*b*) Total cost of disinfectants used. (*i*) For disinfecting dwelling houses and rooms. | (*b*) (*ii*) For disinfecting other places such as house gullies, drains, privies, etc. | (*c*) Total Quantities of disinfectants used. | Total Cost. |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | Rs. a. p. | | Rs. a. p. |
| Pesterine, Gallons .. .. | .... | 13,944 | .... | 1,900 2 0 | 13,944 | 1,900 2 0 |
| Sal Hycol, Gallons .. .. | 150¾ | 446 | 289 10 4 | 853 14 0 | 596¾ | 1,143 8 4 |
| Sulphur, Lbs. .. .. | 1,328 | 121 | 84 4 0 | 7 9 0 | 1,449 | 91 13 0 |
| Resotol Powder, Bags .. | ¼ | 6 | 2 5 0 | 45 10 0 | 6¼ | 47 15 0 |
| Kerosine 125°, Gallons .. | .... | 7,143 | .... | 3,125 0 0 | 7,143 | 3,125 0 0 |
| Paris Green, Lbs. .. .. | .... | 3 | .... | 195 0 0 | 3 | 195 0 0 |
| Lysotol, Gallons .. .. | 46 | 825 | 78 3 0 | 1,573 0 0 | 871 | 1,651 3 0 |
| Phenod Popular, Drums .. | 275 | .... | 357 8 0 | .... | 275 | 357 8 0 |
| Tropical Chloride of Lime, Cwts. .. .. .. | .... | 297 | .... | 1,503 9 0 | 297 | 1,503 9 0 |
| Total .. | .... | .... | 811 14 4 | 9,203 12 0 | .... | 10,015 10 4 |

## MEDICAL RELIEF.

**Municipal Dispensaries.**—The fifteen Municipal Dispensaries were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The number of new cases treated at the Dispensaries during the year was 1,41,217 (92,079 males and 49,138 females) as against 1,29,036 in 1936. The total attendances numbered 4,18,512 as against 3,82,430 in 1936. These figures include 406 visits by the Dispensary Medical Officers to patients in their homes.

The diseases treated at the dispensaries during each month of the year are shown in Table No. 5 (Appendix).

In addition to the above dispensary work, women and children are treated by two temporary Lady Doctors at six Municipal dispensaries in the City between 12 noon and 2 a.m. twice a week and by the Lady Doctors in charge of the five Maternity Homes at the five Ante-Natal and Post-Natal Clinics attached to the respective Homes between 1 and 3 p.m. twice a week.

The number of new cases thus treated was 15,070 (12,985 women and 2,085 children) as against 13,713 in 1936. The total number of attendances at these dispensaries was 46,852.

The free dispensary for the treatment of eye diseases opened and maintained in the Sanitary Institute, Princess Street, under Corporation Resolution No. 12677 of 5th February 1920, was removed in June 1924 to the Bai Lingubai Building in Kamathipura and named "Rajanna Jalooji Charitable Dispensary." It was attended throughout the year by Dr. D. D. Sathaye. The dispensary is fully equipped and is open every day from 8-30 a.m. to 9-30 a.m. except on Sundays. The total number of new cases treated in 1937 at this dispensary was 4,266 (3,447 for Eye and 819 for Ear) as against 3,240 in 1936. The total attendance was 16,881 during the year as against 13,006 in 1936.

Attendance of New and Old patients as compared with the three previous years was as follows :—

| Year | New Patients. | Old Patients. | Total. |
|---|---|---|---|
| 1934 .. .. | 2,677 | 8,594 | 11,271 |
| 1935 .. .. | 3,236 | 10,740 | 13,976 |
| 1936 .. .. | 2,675 | 9,766 | 12,441 |
| 1937 .. .. | 4,266 | 12,615 | 16,881 |

I have pleasure in bringing to the notice of the Municipal Commissioner and the Corporation the valuable services rendered by Dr. D. D. Sathaye.

It would be interesting to state that a donation has been offered for the establishment of an Eye Hospital in the building where the present Eye Dispensary is existing by erecting thereon an additional story. This addition will be a great boon to poor patients, especially residing in that particular locality. The question is under consideration.

## PUBLIC HEALTH ADMINISTRATION.

The chief administrative functions of the Public Health Department constitute (1) Conservancy, (2) Medical activities, (3) Sanitation and (4) Scientific work.

(1) The Conservancy consists of Municipal cleansing, scavenging, refuse disposal, veterinary work of the Bullock Hospital and Infectious Diseases Hospital for Cattle.

(2) The Medical work comprises of control and prevention of Infectious Diseases including Tubercular and Venereal, registration of Births and Deaths, vaccination against smallpox, anti-malarial measures, Medical relief by means of free Municipal Hospitals and Dispensaries, provision for confinements in Municipal Maternity Homes, propaganda work in sanitation and hygiene during prevalence of Epidemic and endemic diseases, visits of District Nurses to different premises for giving aid to poor women during their confinement including the provision of necessaries during the period.

(3) The sanitary work entails several duties, *viz.*, the inspection and supervision of all premises in order to detect insanitary conditions existing therein and to remedy them under the different Sanitary provisions of the Municipal Act, supervision of food supplies and destroying unwholesome food, etc., control over adulteration of food, condemning insanitary areas, houses and rooms, provisions of public sanitary conveniences in the City, control over cemeteries and sanitary control over factories and other licensable trades requiring attention from a sanitary point of view.

(4) Scientific work consists of bacteriological and chemical examinations of all kinds affecting health.

For administrative purposes the City has been divided into seven wards A to G with four divisions, *viz.*, A & B Wards, C & D Wards, E Ward and F & G Wards, under Assistant Health Officers who are responsible for the sanitary work of their respective divisions. There are thus four Assistant Health Officers in charge of the four main divisions of the City, who are under the direct control of the Executive Health Officer.

The Island has been further sub-divided into 50 sections in charge of Inspectors styled Medical Assistants and each Inspector in the District to which he is appointed is required to undertake the work incidental to Registration and Sanitation as well. As a necessary corollary all the newly appointed Inspectors are required to be qualified Medical Practitioners and to pass the Sanitary Inspectors' Examination.

The 50 sections have been arranged in groups to form 10 Registration and Sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and Junior Medical Inspector. There are 7 Senior and 10 Junior Medical Inspectors who are required to be Medical Graduates and to work under the orders of the Assistant Health Officers of the wards in which their respective Districts are situated. An exception in the rule as to the possession of a medical qualification is made in favour of the old grade Sanitary and Assistant Sanitary Inspectors.

In addition to the 50 Medical Assistants in charge of sections the sixteen Municipal Dispensaries are managed by 13 Medical Assistants whose duty is to give free medical relief to the sick poor of the City. Each of the ten Registration offices has one trained midwife. Her duty is to advise pregnant women to go to the Maternity Homes for confinement and to take them there if required, to advise mothers of the poorer classes in the care of their children and to attend women of the poorer classes in their confinements in their homes.

For the prevention of adulteration of milk, 6 Sub-Inspectors are employed to take samples of milk offered for sale and to submit them for examination to the Municipal Analyst. Sampling of milk is also carried out by the 17 Senior and Junior Medical Inspectors who are also responsible for taking samples of other articles of food under the Prevention of Adulteration Act.

The Malaria Branch was re-opened on 8th January 1923 and anti-malarial measures during the year carried out were by a staff consisting of 6 Medical Inspectors, 70 Sub-Inspectors, 7 Muccadums, 181 Coolies, 1 Carpenter and 1 mason under the control of an Assistant Health Officer who is subject to the control of the Executive Health Officer.

There are two Municipal Hospitals for infectious diseases under the Health Department; one for Tuberculosis and road-side patients at Connaught Road and the other at the Arthur Road for the treatment of patients suffering from all other infectious diseases except Leprosy. They are under the Medical Superintendent with a staff of four Medical Assistants, two Matrons, two Sisters, ten Nurses and three Probationer Nurses.

The analysis of samples of food and samples of the Municipal Water supply is carried out by the Municipal Analyst in a laboratory attached to the Health Department.

The Veterinary Staff includes 1 Senior Inspector, and 3 Inspectors who are all qualified Veterinary Surgeons and inspect all public stables in the City and are also in charge of the Municipal Bullock Hospital and of the Segregation sheds at Tardeo Flats. In addition to this staff, there are 9 Veterinary Assistants who are responsible under the Conservancy Supervisors for the health of the bullocks in the eleven Health Department Stables.

The Vaccination Staff includes besides the Superintendent, 1 Head Vaccinator and 11 Vaccinators.

**Conservancy.**—The work done by the Conservancy Branch during the year 1937 is described below :—

The Establishment of the Conservancy Branch for the year 1937 remained almost the same as in 1936.

The Conservancy Branch has to attend to Roads, Footpaths and House gullies daily as many times as necessary. The area conserved is as follows :—

| Total mileage of various types of roads with their areas in square yards. | | | | | | | Total in Miles and sq. yards. |
|---|---|---|---|---|---|---|---|
| Water bound. | Dressed with Bitumen. | Asphalt grouted. | Premix asphalted. | Set paved. | All concrete. | Private Water bound. | |
| 12.77 | 124.25 | 38.81 | 42.08 | 9.05 | 6.89 | 34.19 | 268.04 |
| 2,42,068 | 22,99,894 | 7,31,058 | 10,06,677 | 1,82,294 | 97,042 | 4,44,674 | 50,03,707 |

Footpaths and house-gullies :—

Mileage of footpaths and house-gullies.

| Footpaths. | House-gullies. |
|---|---|
| 236.67 | 104 miles. |
| 22,58,485 | 3,29,700 sq. yards. |

**Frequency of cleansing in a day.**—The frequency of Cleansing depends upon the nature of roads and their importance. The majority of the roads are cleaned twice daily, but some are cleaned four and even six times. A few roads are cleaned once daily, being at remote places without buildings or heavy traffic. All footpaths and House-gullies are cleansed twice daily.

The following Table shows collection and removal of refuse by the Street Cleansing Branch :—

COLLECTION AND REMOVAL OF REFUSE BY STREET CLEANSING BRANCH FOR 1937.

| Population Census 1931. | Area in acres. | Tonnage of refuse collected and removed. | | | Total estimated. |
|---|---|---|---|---|---|
| | | House and street. | Trade. | Market. | |
| 11,61,383 | 15,480 | 3,86,815 tons<br>9,67,037 carts. | 24,617 tons<br>61,542 carts. | 13,001 tons<br>32,504 carts. | 4,24,433 tons.<br>10,61,083 carts. |

**Units for collection and removal of refuse.**—The vehicles used in the collection of the street and house refuse consist of 289 units of which 34 were mechanically propelled and 255 drawn by bullocks.

PUBLIC RECEPTACLES FOR THE STORAGE OF REFUSE.

| Street Orderly bins. | Dust-bin Cart Stands. | Refuse Bucket-bin on stands. | No. of Dust-bin sheds. | Refuse Collection Yards. | Sanitary bins provided by owners. |
|---|---|---|---|---|---|
| 38 | 185 | 52 | 171 | 2 | 46,075 |

The Refuse Collection Yards mentioned above are situated at Palton Road "A" Ward and Parbadevi "G" Ward. House refuse from the parts of "A," "B" and "C" Wards close to Palton Road Yard, is brought by carts to that Yard and subsequently removed by Motor Lorries. Similar procedure obtains in the Parbadevi Yard, where house refuse is conveyed by carts from the portions of "F" and "G" Wards.

The Waste-paper Bins attached to the Tramway and Gas Light Poles on the principal thoroughfares in the City, which have proved to be very useful for light refuse such as waste papers, etc., are still continued. The total number of bins so provided was 576.

**Refuse disposal.**—The following Table shows the quantity of refuse disposed of during the year 1937 in tons :—

DISPOSAL OF CITY REFUSE FOR THE YEAR 1937.

| Quantity of refuse disposed of by various methods. | | | | | | | | TOTALS. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| By Rail to Deonar. | | | By Reclamation. | | | By Incinerators (Household.) | By Manure pits. (Refuse from stables.) | | | | Total yield. |
| Household. | Trade. | Market. | Household. | Trade. | Market. | | | Household. | Trade. | Market. | |
| 2,93,811 | 50,875 | 25,358 | 92,716 | 39,976 | .. | 288 | 35,247 | 3,86,815 | 1,26,098 | 25,358 | 5,38,271 |

The work done by the Halalkhore Branch for 1937 is given below :—

| No. of hands employed. | | Total number existing. | | | | Amount of excrementitious matter removed. | | Method. | | No. of Vacuum Emptiers used. | Capacity of the Vacuum Emptiers. | | No. of Cylindrical cesspool carts. | | No. of Pail carts. | Disposal of privy and cesspool contents. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Basket Halal-khores including V. G. Cs. | Cesspool cart drivers. | Privy seats. | Cesspools. | Septic tanks. | Soakage pits. | From privies. | From cesspools. | Privies. | Cesspool and septic tanks. | | 800 Gls. | 1,000 Gls. | Two wheeled. | Three wheeled. | | Method. |
| | | | | | | Baskets. | Gallons. | | | | | | | | | |
| *819 | 58 | 6,793 | 1,807 | 326 | 80 | 9,14,795 or 17,724 tons. | 1,88,05,300 | Wholly by hand. | By Vacuum Emptiers and bullock hauled carts. | 4 | 2 | 2 | 98 | 5 | .. | To night-soil depots in the City. |

*Basket Halalkhores .. .. .. .. .. 311
Bungalow Women .. .. .. .. .. 3
Vacant Ground Cleaners .. .. .. .. 193
Attendants at Public Conveniences .. .. 189
Depot Fillers .. .. .. .. .. .. 86
Halalkhores for Health Department Chawls .. 18
Total .. 819

PUBLIC SANITARY CONVENIENCES AS OBTAINING IN THE YEAR 1937.

| Latrines only. | | Urinals only. | | Bathing places only. | | Combined urinals and latrines. | | | Combined urinals, latrines and Bathing places. | | | | Totals. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. of structures. | No. of seats. | No. of structures. | No. of stalls. | No. of structures. | No. of cubicles. | No. of structures. | No. of stalls. | No. of seats. | No. of structures. | No. of stalls. | No. of seats. | No. of cubicles | No. of structures. | No. of W.C. seats. | No. of basket privies. | No. of urinal stalls. | No. of Cubicles. |
| 52 | 523 | 134 | 431 | 14 | 91 | 41 | 185 | 297 | 13 | 52 | 55 | 82 | 254 | 875 | 68 | 668 | 173 |

The work of cleansing the Septic Tanks attached to private premises in the unsewered areas of the City was continued by the Conservancy Branch. The work was done free for the owners of properties. There are 306 Septic Tanks in the City most of which are in " F " and "G" Wards. The annual expenses incurred by this Branch in this direction were Rs. 2,547-1-0.

Road Scraping, Road Washing and Gully Flushing work done by the respective gangs during the year 1937 is given below :—

STATEMENT SHOWING THE WORK OF ROAD WASHING, ETC., DURING THE YEAR 1937.

| Road Scraping. | | Road Washing. | |
|---|---|---|---|
| | | Road and Footpath washing. | Gully flushing. |
| Area of Roads scraped in square yards. | Tonnage of Road scraping and debris collected. | Area of Roads and Footpaths washed in square yards. | Area of paved gullies flushed in square yards. |
| 6,222,051 | 11,776 | 12,485,512 | 7,053,825 |

**Carcasses.**—Excluding dogs and cats, the carcasses of large and small animals collected by the Conservancy Staff numbered 2,954 and 22,088 respectively during the year. They were handed over to the Skinning Contractor who had taken the contract for the year for Rs. 27,521.

**Rat Destruction.**—Rat operations were carried out throughout the year as before. To enable the rat population to be kept at its lowest limit, it is necessary to carry on intensive work. The table given below shows the number of rats dealt with during the year.

The total number of rats collected and destroyed during the year was 703,850 against 687,487 in the year 1936. It will be seen from the following statement that out of 703,850 rats collected and sent to the Haffkine Institute, 187,187 were examined and none was found infected.

RAT DESTRUCTION STATISTICS FOR 1937.

| Method. | | | | Number of rats killed or found dead. | Number of rats taken alive. | Total. | Number of rats examined. | Number of rats infected with Plague. | Number of infected rats per 100. |
|---|---|---|---|---|---|---|---|---|---|
| Baits Ba Co 2. | Traps laid. | Cyno Gas and Baby Dusters. | Other. | | | | | | |
| 7,726,370 | 387,630 | 26 | Flooding and Dak Lime. | 3,30,310 | 373,540 | 703,850 | 187,187 | *Nil.* | *Nil.* |

**Dog Destruction.**—The work of destroying stray and ownerless dogs was continued throughout the year as before. Captures as usual were effected mainly by the use of American Buck Skin Gloves. Tongs were used only in cases of rabid dogs or when the dog to be captured was found to be unmanageable. The total number of dogs caught was 13,389. Out of this number, 11,956 were destroyed by Electrocution and 814 in the Lethal Chamber by Co 2 ; 619 were returned to owners.

**Stray Dogs.**—The nuisance from stray dogs in Bombay still continues to be the same as before in spite of the vigorous operations which were carried on by this Department to control it. This is due to the limited powers vested in this Department and the other difficulties as already reported previously.

The number of cases of dog bites in the City shows an increase as usual. The total number of such cases who sought treatment at the Haffkine Institute during 1937 was 2,164 as against 1,885 in 1936.

The question of supplementing the existing powers by the amendment of the Bombay Municipal Act enabling the Municipality to levy a tax on dogs, which has been approved of by the Corporation has now been referred to the Government of Bombay for their approval. As soon as their approval is received and the amendment is brought into force, the nuisance is likely to be brought under control to a considerable extent.

**Stray Cattle.**—The number of stray cattle in the streets showed a considerable increase in the year 1937. The work of controlling the nuisance had therefore to be carried out vigorously. Periodical raids were therefore arranged for more frequently than before. During the year 1937, 183 raids were carried out in the different localities and as a result thereof 249 cattle were caught and sent to the pound.

The details of work done month by month are shown below :—

| Month. | Number of raids made. | Number of cattle caught and impounded. |
|---|---|---|
| January 1937 .. .. .. .. | 11 | 5 |
| February ,, .. .. .. .. | 10 | 9 |
| March ,, .. .. .. .. | 13 | 25 |
| April ,, .. .. .. .. | 16 | 23 |
| May ,, .. .. .. .. | 20 | 26 |
| June ,, .. .. .. .. | 14 | 17 |
| July ,, .. .. .. .. | 15 | 22 |
| August ,, .. .. .. .. | 17 | 31 |
| September ,, .. .. .. .. | 15 | 9 |
| October ,, .. .. .. .. | 18 | 26 |
| November ,, .. .. .. .. | 20 | 29 |
| December ,, .. .. .. .. | 14 | 27 |
| Total .. | 183 | 249 |

**Basket Privies.**—During the year 264 Basket Privy seats were converted. The number of seats to be converted in the sewered areas of the City is as below :—

| Ward. | Number of privy blocks in sewered areas. | Number of privy seats in sewered areas. |
|---|---|---|
| A. | 12 | 48 |
| B. | 6 | 16 |
| C. | 11 | 20 |
| D. | 4 | 10 |
| E.E. | 12 | 30 |
| E.W. | 12 | 35 |
| F. | 50 | 224 |
| G.S. | 21 | 84 |
| G.N. | 1 | 1 |
| Total .. | 129 | 468 |

The following Statement shows the number of Basket Privies in the unsewered areas :—

| Ward. | Number of privy blocks in unsewered areas. | Number of privy seats in unsewered areas. |
|---|---|---|
| F. | 252 | 981 |
| G.S. | 489 | 1,831 |
| G.N. | 1,130 | 3,513 |
| Total .. | 1,871 | 6,325 |

**Sanitary Bins.**—15,806 buildings have been provided with sanitary bins and 3,948 have yet to be provided.

**Infectious Diseases Ambulances and Hearses.**— Ambulance service under the control of the Health Department is rendered free of charge within the limits of the City of Bombay. There are four ambulances for removing patients suffering from infectious diseases to the Infectious Diseases Hospital free of charge. These ambulances are kept in readiness at the garage at the Arthur Road stables for service throughout the day and night. Patients suffering from other diseases either from the Road side or charitable institutions are also removed free in the ambulance. Patients discharged either from the City Fever Hospital or the Maratha Hospital are allowed the free use of the ambulance for going back to their residences.

The service is also made available for removing patients suffering from Infectious Diseases from places outside the limits of the City of Bombay on a charge of annas 12 per mile. In these cases deposits are required to be paid in advance.

There are two Hearses for the removal of Christian and non-Christian dead bodies from Hospitals to their homes or to cemeteries. There is also one dead body van attached to the K. E. M. Hospital for the same purpose. For the service of the dead body van of the K.E.M. Hospital, a charge of Rs. 5 is made for the 1st hour and Rs. 3 are recovered for every subsequent hour, exemptions being made only in deserving cases.

A free service of both the Hearses is made available for the removal of Christian Paupers to cemeteries within the City limits on production to the Officer in charge Ambulance service at Arthur Road of a certificate from the Parish Priest.

The Hearses and the van are also available for the removal of dead bodies outside the limits of the City of Bombay on a charge of annas 12 per mile. Deposits are required to be paid in advance in such cases.

In addition to the above, Maternity Ambulance Service and Street Accident Ambulance Service is available to the Public and are under the control of the Chief Officer, Fire Brigade, Bombay. The former is made available for conveying patients from their homes to Maternity Homes or Hospitals free of charge, while the latter service with 5 ambulances is rendered free of charge for accidents occurring in the streets and factories in the City and also on a charge of Rs. 5 for the first hour and Rs. 3 for each succeeding hour or fraction thereof for removing patients suffering from diseases other than Infectious Diseases.

The work done by the Health Department Hearses and Infectious Diseases Ambulances during the year 1937 is as given below :—

| | | |
|---|---|---|
| (1) | No. of pauper Christian dead bodies removed by the Health Department Hearses during the year .. .. .. .. .. .. .. | 363 |
| (2) | No. of non-Christian dead bodies removed in the K. E. M. Hospital dead body ambulance .. .. .. .. .. .. .. .. | 637 |
| (3) | No. of patients removed by the Infectious Diseases Ambulances during the year .. .. .. .. .. .. .. .. .. | 3,728 |

**Milk Supply.**—The inquiries made and the reports submitted by the Dairy Superintendent in 1923 show that the quantity of milk available per head of population was 3·1 ounces, an amount which must be regarded insufficient for the consumers of whom a majority are vegetarians.

In the non-vegetarian diet of a healthy adult efficient substitutes for milk can no doubt be provided, but for children up to the age of 12 years and for vegetarians, milk may be regarded as essential.

Since the year 1920, various schemes for the improvement of City's milk supply have been under the consideration of the Corporation. In the beginning, it was proposed to launch a scheme under which it was intended to remove the existing cattle stables from Bombay to Trombay or elsewhere in the suburbs, and to construct at the latter place new stables strictly in comformity with the bye-laws to be under the control of the Municipality. The necessary proposals under the scheme were prepared by the Dairy Superintendent and submitted by the Commissioner to the Corporation. For various reasons, however, this scheme did not make much progress.

Subsequently, advertisements were published in the local papers inviting individuals or firms to submit schemes for starting and maintaining dairies and dairy farms for the supply of milk to Bombay on the understanding that financial help and other facilities would be given by the Corporation. The requisite quantity of milk proposed in the scheme was to be transported to Bombay from the Agricultural villages in Gujrat by means of refrigerated cars. The scheme, however, had to be abandoned, as satisfactory transport facilities were not available. Since then, there has been no material progress made on this problem, except that a few schemes from different societies were received with proposals not satisfying the proper requirements of the Municipality.

During the year, 1,845 hawkers importing milk by train were inspected. 671 were found to have no licence and 903 were carrying milk in open cans without covers. The number found with grass rings in the milk vessel was 768.

Skimmed milk is imported into the City from Anand and other places in Gujarat. Of the milk received a very small quantity goes to the Sugar refineries; the rest is used in Eating Houses or sold in milk shops. On account of the length of the journey, this milk must necessarily be preserved with boracic acid or formaline. Amongst the various measures tried for the purpose of stopping importation of this milk, has been the cancellation of the licenses of milk dealers who import milk from Gujarat. During the year, attempts were made to examine the milk on receipt at Railway Stations and to destroy forthwith the contents of the milk cans found to contain formaline or boracic acid. Assistant Health Officers were supplied with the equipment necessary for testing the milk. Raids were organised at all stations in Bombay at which the trains bringing milk stopped and at other places in the City at which the trade in this milk is generally carried on and also at different tea shops and Eating Houses. These raids and other measures taken have resulted in a reduction of the quantity of skimmed milk imported.

All the measures taken in this respect have not, however, proved to be completely successful so far, in stopping the importation of this milk, as great difficulty is experienced in detecting offenders for the following reasons :—

(1) The milk cans are generally brought by night trains and are removed from the station yards when there is no Municipal Officer watching their removal.

(2) The milk cans are consigned to stations between Bandra and Borivli and are brought in local trains or in motors by different routes at different hours.

(3) Milk is removed from the cans at the importing stations and then brought to Bombay in brass handas by the milkmen by various routes.

The only step that may be considered necessary to prohibit this trade entirely seems to be that the provisions of the Bombay Prevention of Adulteration Act V of 1925, as amended in 1935, as regards milk and milk product, should be extended to all the Districts from which skimmed milk is exported to this City and also to all the suburban stations into which it is imported.

During the year under report 10 persons were detected dealing in skimmed milk containing boracic acid as preservative and prosecuted. The quantity of milk destroyed was 5½ maunds.

Prosecutions were instituted in 671 cases of hawkers found selling milk in the streets without a licence. Details with regard to the adulteration of milk and the number of prosecutions for the sale of adulterated milk will be found in the report of the Municipal Analyst.

The total number of prosecutions for the sale of milk by unlicensed persons and for breaches of the licence regulations was 1,616.

**Unwholesome Food.**—The following list shows the articles of unsound food seized and destroyed under Sections 415 and 416 of the Municipal Act :—

| | | | | | | |
|---|---|---|---|---|---|---|
| Fruit (dry) | .. .. | lbs. | 1,268 | Chocolate (pieces) | lbs. | 13,000 |
| Fruit (fresh) | .. .. | No. | 3,370 | Tinned meat .. | tins. | 404 |
| Tins of Preserved Fruit | .. | tins. | 3,212 | Fish (dry) .. .. | lbs. | 294 |
| Potatoes .. .. | .. | lbs. | 158 | Ham .. .. | ,, | 3,252 |
| Milk (fresh) .. | .. | ,, | 30 | Sterilized milk .. | tins. | 53 |
| Milk (Powder) .. | .. | ,, | 4 | Bacon .. .. | lbs. | 76 |
| Indian Sweetmeats | .. | ,, | 1 | Patent Foods .. | tins. | 272 |
| Cheese .. .. | .. | ,, | 2,084 | Other articles .. | pkts. | 580 |
| Tea or Coffee .. | .. | ,, | 3,106 | | | |

**Statutory Notices.**—The following list gives the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year :—

NOTICES UNDER THE MUNICIPAL ACT IN 1937.

| | Number of Notices issued under various Sections of the Municipal Act. |
|---|---|
| Total Number of Notices issued.. .. .. .. .. .. .. | 13,586 |
| Number complied with .. .. .. .. .. .. .. .. | 8,137 |
| Number not complied with .. .. .. .. .. .. .. | 2,973 |
| Number pending (disputed or not served) .. .. .. .. .. | 2,234 |
| Number cancelled .. .. .. .. .. .. .. .. | 242 |
| Number of Notices in 1936 .. | 22,464 |

*Statement showing the number of Court cases filed under different sections and the cases outstanding on 1st January* 1938 :—

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Sections under which prosecutions were instituted. | No. of cases outstanding on 1st January 1937. | No. of cases filed in the year 1937. | Total of columns Nos. 2 & 3 | No. of cases disposed of. | No. of cases outstanding on 1st January 1938. |
| 248 | 61 | 160 | 221 | 166 | 55 |
| 249 | 13 | 102 | 115 | 107 | 8 |
| 250 | .... | 2 | 2 | 2 | .... |
| 251 | .... | .... | .... | .... | .... |
| 257 | 70 | 476 | 546 | 518 | 28 |
| 257,375,372 | 153 | 890 | 1,043 | 956 | 87 |
| 258 | 8 | 32 | 40 | 36 | 1 |
| 274 | 5 | 23 | 28 | 25 | 3 |
| 316 | 2 | 16 | 18 | 18 | .... |
| 367,368 | 10 | 63 | 73 | 71 | 2 |
| 372 | 35 | 851 | 886 | 845 | 41 |
| 373 | .... | .... | .... | .... | .... |
| 375 | 8 | 107 | 115 | 111 | 4 |
| 375A | 39 | 259 | 298 | 276 | 22 |
| 377 | 9 | 101 | 110 | 106 | 4 |
| 378 | 5 | 228 | 233 | 115 | 18 |
| 379 | 2 | 2 | 4 | 4 | .... |
| 380 | 124 | 284 | 408 | 369 | 39 |
| 381 | 65 | 345 | 410 | 380 | 30 |
| 381A | 2 | 9 | 11 | 10 | 1 |
| 384,384A | 99 | 175 | 274 | 262 | 12 |
| 385 | .... | 1 | 1 | 1 | .... |
| 390 | 11 | 149 | 160 | 152 | 8 |
| 394 | 408 | 3,103 | 3,511 | 3,413 | 198 |
| 397 | .... | .... | .... | .... | .... |
| 412A | 421 | 3,164 | 3,585 | 3,236 | 349 |
| 424 | .... | 2 | 2 | 2 | .... |
| 472 | 35 | 347 | 382 | 338 | 45 |
| Total .. | 1,585 | 10,891 | 12,476 | 11,519 | 955 |
| Bombay Prevention of Adulteration Act. | 95 | 1,934 | 2,029 | 1,744 | 285 |

The total amount of fines inflicted during the year on account of these cases was Rs. 1,10,411-10-0.

It may however, be stated here that action under the Bombay Prevention of Adulteration Act V of 1925 is being taken by the Health Department since the passing of the rules under the Act in 1929. But after two or three years' experience, it was found that some of the cases made by the Municipality were not successful owing to defective and incomplete provisions both in the Act and in the Rules. A representation was, therefore, made to Government by the Corporation to amend the said Act and the rules by removing therefrom all intricacies and legal defects, so as to enable the Department to proceed with the operations of the Act without any difficulty. Accordingly, the Act was amended in 1935. But this has not helped the Municipality in any way to deal with the adulteration cases effectively since the revised rules commensurate with

the amended Act, were not simultaneously passed. These revised rules after approval of the Corporation have, however, been now under the consideration of Government since some time. As it is at present, all possible steps are being taken by the Health Department to deal with dealers in articles of food, practicing adulteration of such articles and several such dealers whose samples were taken and found adulterated, have been penalised. The total amount of fines inflicted during the year on account of these cases was Rs. 12,702. However, it will not be possible to deal with such cases as effectively as it ought to have been, until the revised rules are passed by Government.

## SANITARY STATE OF THE CITY.

The principal causes of the insanitary conditions which maintain the death-rate at a high level even in non-epidemic periods, are the insufficiency of the sewers, the continuance of the basket privy system in unsewered areas and the density of houses and persons per acre.

**Water Supply.**—With the completion of the Tansa pipe line, the City as a whole is now provided with an adequate supply of water from Tansa Lake. The whole supply has been chlorinated throughout the year. No provision of any kind is made for filtration.

**Drainage.**—Reference was made in detail in the Report for 1920 to the gravity of the insanitary conditions which result from the inadequacy of the present sewer system. The scheme for providing drainage system in the North of the Island is taken in hand and will be completed in the next few years.

## HOUSING.

**Insanitary Dwellings.**—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 50 Medical Assistants and 17 Medical Inspectors is required to devote not less than one afternoon a week to the inspection of the houses in streets or areas definitely allotted for the purpose by the Assistant Health Officer. The scheme aims at the inspection of not less than 5 houses per week by each member of the inspectorial staff or 17,500 houses in all in the year. Were inspection the single object in view, these numbers could be doubled or trebled. Since, however, the primary inspections are only the first step in securing the remedy of the sanitary defects discovered, their number is strictly limited by the number of secondary visits which the enforcement of the requirements of the Department entails.

Eight hundred and ninety eight insanitary dwellings were evacuated during the year, the great majority being insanitary kutcha huts, and 205 rooms were improved.

**Sanitary Inspection.**—In Table 22 (Appendix) will be found a summary of the inspections (1,87,410) made by the Medical Inspectors and Medical Assistants during the year and of the sanitary works (20,347) carried in response to their orders.

**Scheme for Clearance of Slum Areas in the City.**—There are many slum areas in the City which require prompt and immediate attention for their improvements. The question of improving these areas had been engaging the attention of the Corporation since a long time. Ultimately the Corporation have passed a scheme, under which it is proposed to spend a sum of Rs. 12,80,078 on different works mentioned in it. The Scheme is certainly one of the most important aspects of betterment in the sanitation of the City and it is hoped that completion of the entire scheme proposed will help the Public Health Department in improving the sanitation of the City.

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(Cantab.),
M. R. San. I. (London),
*Ag. Executive Health Officer.*

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL BUILDINGS,
BOMBAY.

# APPENDIX.

# REPORT OF THE CITY FEVER HOSPITALS, ARTHUR ROAD, FOR THE YEAR 1937.

The Bombay Municipality started a hospital at Grant Road in 1888, called The Grant Road Infectious Hospital. This Hospital was generally opened during epidemics of Small-pox and Cholera and was closed during the rest of the year. The hospital worked for four, six, one and seven months during the year 1888, 1889, 1890 and 1891 respectively. It was permanently closed on the 26th July, 1892, and the patients, furniture, etc., were transferred to the newly established hospital at Arthur Road. This new hospital was made ready for the admission of patients on the 12th March, 1892, and since then it was known as the Arthur Road Hospital for Infectious Diseases. When the Small-pox Unit was entirely separated from the General Unit, the name was changed to "City Fever Hospitals." In the beginning patients suffering from Cholera and Small-pox were chiefly admitted and treated in the hospital, but now patients suffering from all infectious diseases are treated here. In the first outbreak of Plague, patients suffering from that disease were also treated in the hospital, and, from 1896 to 1901, 6,382 plague patients were admitted. Since 1901, however, the admission of plague patients into this hospital was discontinued, and a separate hospital known as the Maratha Hospital was started for such cases in 1902. But since 1930, the Maratha Hospital has been entirely reserved for Tuberculosis, and the admission of plague patients to the City Fever Hospitals has been resumed.

The hospital, in the beginning, consisted of mere sheds. Permanent wards were gradually constructed every year, and by 1909 the hospital had six permanent wards with 132 beds. The Corporation by their Resolution No. 8017 of 10th November 1924, decided to increase the total accommodation to 500 beds. Since then, the accommodation is continuously increasing, and, at present, consists of 288 beds. The new ward of 36 beds referred to in the last report is now complete. Another additional ward and Nurses' quarters for the general unit are now under construction.

## I.—STAFF.

I was in continuous charge of the hospital throughout the year. The Medical and Nursing Staff of the hospital comprises the Medical Superintendent, two medical assistants, one Matron, two sisters, four nurses, three probationers and a compounder. In addition to this, a temporary staff was engaged during the year on account of the increased number of patients. The maximum staff was engaged in the month of December and comprised one Medical Assistant, one sister, sixteen nurses, seventeen ward attendants, three hamals, three cooks, three dhobies, one ambulance bearer, twenty sweepers, one compounder, one Telephone Clerk and one Tailor.

## II.—GENERAL STATISTICS.

### Admissions.

The total number of admissions during the year was 2,494 as compared with 2,292 in the previous year.

TABLE NO. I.

The following table shows the admissions during the year under report :—

| | Small-pox. | Chicken-pox. | Measles. | Mumps. | Diphtheria. | Cholera. | C. S. Fever. | Erysipelas. | Influenza. | Whooping Cough. | Enteric Fever. | Other Diseases. | Total. | Deaths. | Discharged. | Average No. of patients. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January .. .. .. .. | 13 | 63 | 14 | 3 | 16 | .. | 37 | 1 | 3 | .. | .. | 42 | 192 | 35 | 157 | 52 |
| February .. .. .. .. | 27 | 125 | 19 | 4 | 5 | .. | 19 | 4 | 1 | .. | .. | 27 | 231 | 20 | 211 | 81 |
| March .. .. .. .. | 39 | 148 | 38 | 17 | 5 | .. | 33 | 5 | 1 | 1 | .. | 39 | 326 | 30 | 296 | 84 |
| April .. .. .. .. | 83 | 96 | 35 | 13 | 7 | 3 | 29 | 4 | 1 | 2 | 3 | 40 | 316 | 50 | 266 | 109 |
| May .. .. .. .. | 44 | 13 | 22 | 9 | 6 | .. | 13 | 2 | 1 | 1 | 6 | 42 | 159 | 32 | 127 | 74 |
| June .. .. .. .. | 50 | 6 | 13 | 10 | 6 | .. | 16 | 4 | 1 | 4 | 5 | 22 | 137 | 24 | 113 | 66 |
| July .. .. .. .. | 38 | 3 | 29 | 12 | 3 | .. | 19 | 5 | 2 | 2 | 6 | 39 | 158 | 21 | 137 | 67 |
| August .. .. .. .. | 13 | 3 | 10 | .. | 12 | .. | 14 | 4 | 7 | 2 | 21 | 57 | 143 | 33 | 110 | 60 |
| September .. .. .. .. | 38 | .. | 6 | 7 | 19 | .. | 16 | 3 | 3 | .. | 19 | 52 | 163 | 44 | 119 | 67 |
| October .. .. .. .. | 15 | 1 | 5 | 3 | 17 | .. | 5 | 2 | 3 | 1 | 12 | 36 | 100 | 16 | 84 | 51 |
| November .. .. .. .. | 86 | 4 | 21 | 5 | 15 | .. | 15 | 2 | .. | 1 | 12 | 34 | 195 | 45 | 150 | 70 |
| December .. .. .. .. | 205 | 27 | 19 | 5 | 16 | .. | 24 | 1 | 5 | .. | 22 | 50 | 374 | 75 | 289 | 135 |
| Total .. | 651 | 489 | 231 | 88 | 127 | 3 | 240 | 37 | 28 | 14 | 106 | 480 | 2,494 | 425 | 2,069 | 76 |

**Table No. II.**

| — | Small-pox. | Chicken-pox. | Measles. | Mumps. | Diphtheria. | Cholera. | C. S. Fever. | Erysipelas. | Influenza. | Whooping Cough. | Enteric Fever. | Other Diseases. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Patients remaining on 31-12-1936 .. | 1 | 8 | 6 | 2 | 1 | .. | 9 | 1 | .. | .. | .. | 9 | 37 |
| Admitted from 1-1-37 to 31-12-37 .. | 651 | 489 | 231 | 88 | 127 | 3 | 240 | 37 | 28 | 14 | 106 | 480 | 2,494 |
| Total treated .. .. .. .. | 652 | 497 | 237 | 90 | 128 | 3 | 249 | 38 | 28 | 14 | 106 | 489 | 2,531 |
| Discharged .. .. .. .. | 390 | 488 | 227 | 86 | 77 | 1 | 92 | 36 | 27 | 14 | 77 | 379 | 1,892 |
| Died .. .. .. .. .. | 126 | .. | 5 | .. | 48 | 2 | 147 | 2 | 1 | .. | 22 | 73 | 428 |
| Mortality rate per cent. .. .. .. | 19 | .. | 2 | .. | 37 | 66 | 59 | 5 | 4 | .. | 29 | 15 | 17 |
| Patients remaining on 31st Dec. 1937 .. | 136 | 9 | 5 | 4 | 3 | .. | 10 | .. | .. | .. | 7 | 37 | 211 |

Maximum number of beds occupied on one day—31st December 1937—215.

**European & Anglo-Indian Patients.**—The total number of admissions among European and Anglo-Indian patients was 34 with 2 deaths. They were classified as follows :—

| | | |
|---|---|---|
| Small-pox .. .. .. | 2 | (of which one vaccinated case cured and other unvaccinated case, died.) |
| Chicken-pox .. .. | 4 | |
| Measles .. .. .. | 11 | |
| Mumps .. .. .. | 3 | |
| Whooping Cough .. .. | 1 | |
| Enteric Fever .. .. | 1 | |
| Other diseases .. .. | 7 | |
| Diphtheria .. .. | 5 | (four cured and one died.) |

**Accommodation.**—The hospital accommodation, at present, consists of :—

The Small-pox Unit—

| | |
|---|---|
| Wards Nos. 1, 2, 3 with 19 beds each .. .. .. | 57 |
| Wards Nos. 4, 5, 6 with 25 beds each .. .. .. | 75 |
| European Wards Nos. 7, 8 with 14 beds each .. .. | 28 |
| New Ward with 36 beds .. .. .. .. | 36 |
| Total .. | 196 |

The General Unit—

| | |
|---|---|
| Wards Nos. 9, 10, 11, 12 with 14 beds each .. .. | 56 |
| Ward No. 13 with 36 beds .. .. .. .. | 36 |
| Total .. | 92 |
| Grand Total .. | 288 |

These figures are based on an allowance of 100 square feet of floor space per bed. In an emergency, the number of beds can be increased.

**Cost.**—The average weekly cost per patient compared with three previous years is as follows :—

| Particulars. | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Medicines .. .. .. .. | 2 6 4 | 1 9 8 | 2 4 9 | 2 4 2 |
| Diets .. .. .. .. .. | 4 15 4 | 3 11 6 | 3 12 1 | 4 3 1 |
| Clothings .. .. .. .. | 1 0 0 | 0 15 9 | 0 13 5 | 1 1 6 |
| Disinfectants .. .. .. .. | 0 4 1 | 0 3 6 | 0 2 4 | 0 2 11 |
| Stores .. .. .. .. .. | 1 4 1 | 0 14 7 | 0 12 10 | 1 1 6 |
| Total per week .. .. .. | 9 13 10 | 7 7 0 | 7 13 5 | 8 13 2 |
| Total number of patients treated. | 1,760 | 2,595 | 2,321 | 2,531 |

The details of the total cost per patient per day for the year 1937 will be seen from the following table :—

| Year. | Diets. | Drugs, Dressings, etc. | Stores and Linen. | Lighting. | Miscella-neous. | Establish-ment. | Repairs, etc. | Total. |
|---|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1937 .. | 0 9 7 | 0 5 2 | 0 5 0 | 0 2 4 | 0 2 3 | 2 10 7 | 0 2 2 | 4 5 1 |

## III.—Diseases.

**(1) Small-pox.**—This year 651 Small-pox cases were admitted as compared to 710 in 1936. The routine treatment was carried out as in previous years.

TABLE III.

*Clinical Classification of Small-pox.*

| Type. | Admissions. | Deaths. | Recovered. | Mortality rate per cent. |
|---|---|---|---|---|
| Hæmorrhagic .. .. .. | 28 | 27 | 1 | 90 |
| Confluent .. .. .. .. | 144 | 94 | 50 | 65 |
| Semi-confluent .. .. .. | 193 | 5 | 188 | 3 |
| Discrete .. .. .. .. | 286 | .. | 286 | .. |
| Total .. | 651 | 126 | 525 | 19 |

The following table compares the vaccinal condition of patients and their mortality rate per cent during the year under report as contrasted with ten previous years :—

TABLE IV.

| Year. | Vaccinated. | | Unvaccinated. | |
|---|---|---|---|---|
| | Admissions. | Mortality per cent. | Admissions. | Mortality per cent. |
| 1927 .. .. .. | 354 | 3 | 372 | 39 |
| 1928 .. .. .. | 279 | 8 | 243 | 41 |
| 1929 .. .. .. | 569 | 5 | 484 | 41 |
| 1930 .. .. .. | 592 | 7 | 703 | 43 |
| 1931 .. .. .. | 22 | 9 | 7 | 57 |
| 1932 .. .. .. | 195 | 2 | 107 | 53 |
| 1933 .. .. .. | 1,173 | 6 | 944 | 36 |
| 1934 .. .. .. | 86 | 6 | 77 | 45 |
| 1935 .. .. .. | 501 | 4 | 420 | 40 |
| 1936 .. .. .. | 372 | 3 | 338 | 36 |
| 1937 .. .. .. | 373 | 4 | 278 | 40 |

### Complications of Small-pox.

| | |
|---|---|
| Corneal Ulcer .. .. .. .. | 39 |
| Conjunctivitis .. .. .. .. | 72 |
| Otitis .. .. .. .. .. .. | 15 |
| Boils .. .. .. .. .. .. | 81 |
| Nephritis .. .. .. .. .. | 9 |
| Bronchitis .. .. .. .. .. | 20 |
| Broncho-Pneumonia .. .. .. .. | 9 |
| Septicæmia .. .. .. .. .. | 40 |

**1937.**

*Vaccinal Condition of Patients.*

TABLE V.

| Age. | Vaccinated. | | Unvaccinated. | |
|---|---|---|---|---|
| | Admissions. | Deaths. | Admissions. | Deaths. |
| 0 to 1 .. .. | .. | .. | 17 | 13 |
| 1 to 2 .. .. | .. | .. | 12 | 7 |
| 2 to 3 .. .. | 2 | .. | 13 | 9 |
| 3 to 4 .. .. | .. | .. | 11 | 7 |
| 4 to 5 .. .. | 1 | .. | 6 | 4 |
| 5 to 6 .. .. | 1 | .. | 3 | 1 |
| 6 to 7 .. .. | 2 | .. | 2 | .. |
| 7 to 8 .. .. | 2 | .. | 4 | .. |
| 8 to 9 .. .. | 1 | .. | 3 | .. |
| 9 to 10 .. .. | 3 | .. | 15 | 3 |
| 10 to 11 .. .. | 2 | .. | 7 | .. |
| 11 to 12 .. .. | 1 | .. | 2 | 2 |
| 12 to 13 .. .. | 1 | .. | 3 | .. |
| 13 to 14 .. .. | 9 | .. | 7 | .. |
| 14 to 15 .. .. | 7 | .. | 6 | 2 |
| 15 to 16 .. .. | 6 | .. | 13 | 3 |
| 16 to 17 .. .. | 17 | .. | 14 | 1 |
| 17 to 18 .. .. | 19 | .. | 17 | 8 |
| 18 to 19 .. .. | 21 | .. | 15 | 2 |
| 19 to 20 .. .. | 65 | 2 | 22 | 5 |
| 20 to 30 .. .. | 153 | 10 | 56 | 29 |
| 30 to 40 .. .. | 49 | 1 | 19 | 13 |
| 40 to 50 .. .. | 5 | .. | 2 | 1 |
| 50 to 60 .. .. | 5 | 1 | 5 | 2 |
| 60 and upwards .. | 1 | .. | 4 | .. |
| Total .. | 373 | 14 | 278 | 112 |

**(2) Cholera.**—There were three cases of cholera admitted during this year as compared with 4 cases in the year 1936. All cases were bacteriologically positive, and two died and one recovered. Two cases were imported, one from Pandharpur and the other from Nasik and one case was local. The same routine treatment as last year was carried out.

## DIPHTHERIA.

**Epidemiology.**—This disease is now endemic in Bombay and the maximum number of cases occurred from the month of September to January, see Table I.

There were 127 admissions during this year as compared to 61 in the year 1936. 80 cases recovered after treatment while out of 47 that died 34 died within 24 hours. Thus the total mortality rate is 38 per cent. while if those died within 24 hours are excluded it would be 10·2 per cent.

Out of 127 cases admitted, there were :—

| | |
|---|---|
| Faucial type .. .. .. .. .. .. .. | 93 |
| Laryngeal .. .. .. .. .. .. .. | 34 |

**Operations.**—Tracheotomy was performed on three cases of laryngeal diphtheria. All the three cases were admitted late in the hospital, two on the 6th day of disease and one on the 10th day of disease. They were all severe cases and proved fatal.

Complications were as follows :—

| | |
|---|---|
| Albuminuria .. .. .. .. .. .. .. | 96 |
| Cardiac complications .. .. .. .. .. .. | 27 |
| Broncho-Pneumonia .. .. .. .. .. .. | 7 |
| Adenitis .. .. .. .. .. .. .. .. | 41 |
| Paralysis of soft palate .. .. .. .. .. .. | 17 |

All cases were bacteriologically positive.

The following table compares the number of Diphtheria cases admitted and their mortality per cent. during the last five years:—

TABLE NO. VI.

| Year. | Admissions. | Deaths. | Recovered. | Mortality rate per cent. |
|---|---|---|---|---|
| 1933.. .. .. .. | 62 | 26 | 36 | 41 |
| 1934.. .. .. .. | 99 | 29 | 70 | 29 |
| 1935.. .. .. .. | 92 | 20 | 72 | 22 |
| 1936.. .. .. .. | 61 | 16 | 45 | 25 |
| 1937.. .. .. .. | 127 | 48 | 79 | 38 |

More cases occurred in the male than in the female and the age of youngest infant which it occurred was 2½ months while the age of eldest person to suffer from it was 37.

Mortality per cent. was greatest among the infants under one year of age, thus showing perhaps that there was no immunity inherited from the mother.

### Diphtheria Case Incidence and Deaths by Years.

| | 0-1 year. | 1-5 years. | 5 onward. | Total. |
|---|---|---|---|---|
| No. of cases .. | 26 | 60 | 41 | 127 |
| No. of deaths.. | 16 | 24 | 7 | 47 |
| Per cent. .. | 61.5% | 40% | 17% | 38% |

**Treatment.**—Anti-toxin serum was given as a routine to every patient admitted for clinical diphtheria without waiting for bacteriological diagnosis. Amount of serum given depended on the condition of toxemia of the patient and the extension of the membrane and complications.

Thus in severe and late cases the amount given varied from 16,000 units to a maximum of 50,000 units as the initial dose.

The initial dose in all early, mild and doubtful cases was 4,000 units irrespective of age.

Glucose and cardiazole-ephedrin with digitalis were also given from the beginning in severe cases.

Many of the cases were admitted late into the hospital which is the reason for greater mortality as would be apparent from the following table :—

## Deaths in Patients Admitted to Hospital.

TABLE No. VII.

| Within 4 days of disease. | Between 4-8th day of disease. | On 8th day onward. |
|---|---|---|
| 10 | 26 | 11 |

Thus out of the total of 47 deaths 37 occurred in patients admitted from 4th day onward of the disease, *i.e.*, 78 per cent. of the total deaths were among those admitted late in the hospital.

It is worth while to emphasise the fact that early diagnosis and prompt treatment with anti-toxic serum without waiting for the bacteriological diagnosis is of paramount importance in this disease which is rather mild in this country and hence the general practitioner is not unlikely to miss it.

**Cerebro-spinal Fever.**—This year 240 cases of c. s. fever were admitted to this hospital as compared with 338 cases admitted in the year 1936.

Out of these, 96 recovered while 144 died, giving a total mortality rate of 59% as compared with 58% in the last year. Of these 144 deaths, 73 died within 24 hours of admission and 32 died within 48 hours and remaining 39 died after a more or less prolonged course so that if the number of deaths within 48 hours are excluded as moribund cases (who died without efficient treatment) the mortality rate comes to 16%. Cases were admitted throughout the year, but the number was highest during the months of December, January, February and March, after which, it declined rather steeply.

MONTHLY INCIDENCE TABLE:

TABLE VIII.

| | | |
|---|---|---|
| January | .. .. | 37 |
| February | .. .. | 19 |
| March | .. .. | 33 |
| April | .. .. | 29 |
| May | .. .. | 13 |
| June | .. .. | 16 |
| July | .. .. | 19 |
| August | .. .. | 14 |
| September | .. .. | 16 |
| October | .. .. | 5 |
| November | .. .. | 15 |
| December | .. .. | 24 |
| | Total .. | 240 |

Age incidence was highest in the age group 15-25 years while it was second highest in the age group 25-40 years.

AGE INCIDENCE:

TABLE IX.

| 0-5 | | 6-15 | | 15-25 | | 25-40 | | 40-50 | | 50 onwards. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 15 | 10 | 26 | 14 | 80 | 19 | 57 | 5 | 11 | 0 | 3 | 0 |

Incidence was decidedly greater in the males than in the females.

Kalbadevi and Mandvi area showed the greatest prevalence, thus indicating the relationship of increase of incidence of C. S. Fever *pari passu* with overcrowding. See table below:—

## LOCALITY INCIDENCE.

TABLE X.

| | Fort. | Kalbadevi Mandvi. | Bhendi Bazaar. | Girgaum. | Byculla. | Parel. | Dadar. | Outside. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Cured .. | 7 | 29 | 19 | 10 | 9 | 12 | 10 | 4 | 100 |
| Died .. | 5 | 46 | 20 | 18 | 15 | 13 | 16 | 7 | 140 |
| Total .. | 12 | 75 | 39 | 28 | 24 | 25 | 26 | 11 | 240 |

**Treatment.**—The same routine treatment was carried out as last year, *viz.*, efficient drainage by lumbar puncture and by cistern puncture if necessary and administration of larger doses of polyvalent anti-meningo coccal serum with glucose. Serum was given in small doses intrathecally and in large doses by intravenous and intramuscular routes. Where it was not possible to give serum intravenously, large doses of 50 to 100 cc. of serum given intramuscularly were found sufficient to control the disease.

Out of 240 cases treated with different sera, the following result was obtained.

Cases that died within 24 hours of admission are mentioned separately.

TABLE XI.

| Bengal Chemical. | | | Bengal Immunity. | | |
|---|---|---|---|---|---|
| Cured. | Died. | Died within 24 hours. | Cured. | Died. | Died within 24 hours. |
| 58 | 60 | 49 | 27 | 25 | 21 |

Toxemia was combated by glucose saline given intravenously or subcutaneously according to the need.

It was noticed that if cases were early diagnosed and removed to the hospital in time to receive efficient treatment, chances of improvement were greater than in those coming in later.

## ENTERIC FEVER.

EPIDEMIOLOGY: Typhoid is endemic in Bombay, but, this year there was a sort of mild epidemic in the city. There were 106 cases of enteric fever admitted in this hospital of which 84 were cured and 22 died, thus giving a mortality rate of 20 per cent.

Incidence was heaviest in the 3rd and 2nd decades and less in the first, fourth and fifth decades. In the present series no cases occurred at an age above 50 (see table below).

## AGE INCIDENCE

TABLE XII.

| 0—10 | | | | 10—20 | | | | 20—30 | | | | 30—40 | | | | 40—50 | | | | 50 and above | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C. | | D. | | C. | | D | | C. | | D. | | C. | | D. | | C. | | D. | | C. | | D. | |
| M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 2 | 2 | .. | 1 | 17 | 10 | 4 | 2 | 34 | 4 | 10 | 2 | 10 | 1 | 3 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. |

It was more common in the males than in the females being in ratio of 5·1.

In almost all cases diagnosis was established by the positive Widal reaction of 1 in 50 upwards. Infection was found mainly due to B. typhosus. Many cases were of virulent type with complications of severe intestinal hæmorrhage, exhaustive diarrhœa and pneumonia. Incidence of complications was 43·6 per cent. in whole series. Relapse rate was 6·6 per cent.

Details of some major complications :—

1. Distension .. .. .. .. 3·2%
2. Hæmorrhage .. .. .. .. 9·5%
3. Pneumonia and Broncho-pneumonia .. 14%
4. Cystitis and Pyelitis .. .. .. 3·8%
5. Serum sickness, arthritis and asthma .. 6.5%

**Treatment.**—Besides usual routine treatment, anti-typhoid serum was tried. Treatment by serum was found to be a failure in the past, but recently Felix working at Lister Institute, London, reported good results by using special strain of antigen, *viz.*, "VI" Antigen. Other workers in this field have also been trying the sera prepared at the Lister Institute but the results are inconclusive.

We have used sera prepared by the Bengal Chemical and Bengal Immunity Companies. The intramuscular route was found to be safer than the intravenous one. It was found that Anti-sera had no effect on the course of complications, but out of those patients who received sera from an early stage, fewer developed complications as compared with those who did not receive any serum treatment as would be apparent from the following table :—

## RESULTS OF SERUM.

TABLE No. XIII.

| No. of cases treated with serum is 59. | | | | | No. of cases treated without serum is 35. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Uncomplicated. | | Complicated. | | Incidence of complication. | Uncomplicated. | | Complicated. | | Incidence of complications. |
| Cured. | Died. | Cured. | Died. | | Cured. | Died. | Cured. | Died. | |
| 35 | 2 | 14 | 8 | 37·2% | 16 | .. | 14 | 5 | 54·2% |

Sera had no effect on the mortality rate.

**Bacteriological and Pathological Examinations.**—The following table shows the number of bacteriological examinations made at the City Fever Hospitals and the Maratha Tuberculosis Hospital:—

TABLE XIV.

| — | Examinations. | Nos. |
|---|---|---|
| I | Blood films for parasites and differential counts .. .. .. .. | 789 |
| II | Blood Cultures .. .. .. .. .. .. .. .. | 95 |
| III | Material from Small-pox pustules, ulcers, abscesses and other complicated foci for microscopic and cultural examinations for pyococci. | 325 |
| IV | Sputum for organisms .. .. .. .. .. .. .. | 67 |
| V | Material from buboes and ulcers for detection of Bacillus Pestis .. | 2 |
| VI | Stools for the detection of Amœba, Cysts, Ova, Bacilli, Vibrios and cultural investigations with a view to arrive at diagnosis and detection of carriers .. .. .. .. .. .. .. .. | 679 |
| VII | Blood for Widal Reaction .. .. .. .. .. .. .. | 361 |
| VIII | Blood for Kahn Reaction .. .. .. .. .. .. .. | 92 |
| IX | Urine for complete analysis.. .. .. .. .. .. .. | 969 |
| X | Auto-vaccines .. .. .. .. .. .. .. .. | 11 |
| XI | Cerebro-spinal fluid for physical, chemical and cultural examinations.. | 973 |
| XII | Urethral smears .. .. .. .. .. .. .. .. | 23 |
| XIII | Throat swabs for cultural examinations for B. Diphtheria and other organisms .. .. .. .. .. .. .. .. .. | 433 |
| XIV | Post-Mortem Examination .. .. .. .. .. .. .. | .. |
| | Total .. | 4,819 |

The Indian Oxygen and Acetylene Company was good enough to supply this Hospital and the Maratha Tuberculosis Hospital with Oxygen Gas free of charge. This generous help is much appreciated.

The Indian Red Cross Society was kind enough to supply several articles as gifts for the Hospital patients which are acknowledged with thanks.

## Table XV.

Showing the Diseases and the Number of Patients Treated at the City Fever Hospitals and Maratha Hospital during the last twenty years, *viz.*, from 1918 to 1937:—

| Disease. | 1918. | 1919. | 1920. | 1921. | 1922. | 1923. | 1924. | 1925. | 1926. | 1927. | 1928. | 1929. | 1930. | 1931. | 1932. | 1933. | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Small-pox .. .. .. .. .. .. .. | 1,508 | 798 | 520 | 542 | 84 | 554 | 1,088 | 452 | 389 | 726 | 522 | 1,058 | 1,298 | 29 | 302 | 2,198 | 171 | 929 | 721 | 651 |
| Chicken-pox .. .. .. .. .. .. | 200 | 148 | 94 | 109 | 72 | 65 | 82 | 79 | 53 | 126 | 79 | 81 | 296 | 171 | 177 | 259 | 414 | 492 | 416 | 489 |
| Measles .. .. .. .. .. .. .. | 71 | 127 | 41 | 77 | 14 | 25 | 31 | 60 | 26 | 66 | 59 | 98 | 154 | 71 | 93 | 88 | 196 | 196 | 170 | 231 |
| Cholera .. .. .. .. .. .. .. | 507 | 1,103 | 153 | 14 | 10 | 185 | 30 | 2 | .. | 88 | 17 | 15 | 33 | 109 | 3 | 15 | 20 | 18 | 4 | 3 |
| Plague .. .. .. .. .. .. .. | 335 | 189 | 123 | 339 | 234 | 343 | 120 | 56 | 25 | 61 | 129 | 22 | 21 | 17 | 28 | 30 | 16 | .. | 1 | .. |
| Relapsing Fever .. .. .. .. .. .. | 24 | 458 | 82 | 151 | 162 | 10 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| Mumps .. .. .. .. .. .. .. | 236 | 46 | 91 | 64 | 2 | 11 | 39 | 26 | 18 | 31 | 49 | 48 | 18 | 57 | 199 | 11 | 57 | 301 | 78 | 88 |
| Whooping Cough .. .. .. .. .. .. | 21 | 2 | 2 | 2 | .. | .. | 2 | .. | .. | 7 | .. | 3 | 3 | 7 | 8 | 10 | 7 | .. | 48 | 14 |
| Erysipelas .. .. .. .. .. .. .. | 6 | 3 | 8 | .. | .. | .. | 5 | 4 | 13 | 5 | 3 | 9 | 15 | 20 | 24 | 19 | 19 | 24 | 14 | 37 |
| Typhoid Fever .. .. .. .. .. .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 1 | 4 | 3 | 3 | 8 | 32 | 3 | 8 | 106 |
| Typhus Fever .. .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Phthisis .. .. .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | 34 | 329 | 414 | 532 | 496 | 747 | 869 | 941 | 926 | 1,002 | 1,223 | 1,281 | 1,138 |
| Meningococcal Meningitis (Cerebro-Spinal Fever) .. | .. | 12 | 23 | 123 | 85 | 46 | 20 | 18 | 9 | 5 | 3 | 1 | 2 | 9 | 6 | 2 | 52 | 196 | 343 | 240 |
| Scarlet Fever .. .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 10 | 8 | 3 | 2 | .. | 1 | .. | .. | .. |
| Encephalitis Lethargica .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | 3 | 1 | 1 | 2 | 2 | 1 | 1 | 7 | .. | 3 | 3 | 3 | .. |
| Diphtheria .. .. .. .. .. .. .. | 2 | 1 | .. | 1 | .. | .. | 4 | 1 | 1 | 2 | 21 | 32 | 30 | 39 | 58 | 65 | 100 | 95 | 63 | 127 |
| Chigger .. .. .. .. .. .. .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | .. | .. |
| Influenza .. .. .. .. .. .. .. | 1,520 | 258 | 295 | 72 | 73 | 60 | 62 | 56 | 42 | 31 | 27 | 30 | 13 | 26 | 23 | 8 | 26 | 11 | 8 | 28 |
| General Diseases .. .. .. .. .. .. | 201 | 516 | 356 | 513 | 228 | 214 | 265 | 276 | 212 | 257 | 313 | 267 | 217 | 285 | 416 | 397 | 724 | 372 | 477 | 497 |
| Total .. | 4,631 | 3,663 | 1,789 | 2,037 | 964 | 1,513 | 1,749 | 1,067 | 1,118 | 1,821 | 1,761 | 2,174 | 2,860 | 1,716 | 2,292 | 4,037 | 2,840 | 3,863 | 3,635 | 3,649 |

City Fever Hospitals,
Arthur Road,
Bombay.

P. T. PATEL, M.D. (Lond.), M.R.C.P. (Lond.),
D.T.M. & H. (Cantab.), F.C.P.S.,
*Medical Superintendent, City Fever Hospitals.*

# MARATHA HOSPITAL.

## Annual Report for the Year 1937.

The Maratha Hospital was opened on the 21st January 1898 by a Committee appointed by the Maratha Community, and Khan Bahadur Sirdar Mir Abdul Ali, and was originally intended for the use of Maratha people. The maintenance of the hospital was subsequently handed over to the Bombay Plague Committee and then to the Bombay Municipality and all classes are now admitted to it.

This Hospital was taken over by the Municipality in 1902. During the year 1902, five new buildings and one gateway were added to the permanent structure of the hospital. This hospital continued to be a Plague Hospital upto 1930 when it was decided by the Corporation to treat all cases of Infectious Diseases in the City Fever Hospitals at Arthur Road. Since 1930, the Maratha Hospital is used for the treatment of advanced cases of tuberculosis and all Road-side cases.

Over one thousand cases are treated every year in the hospital at present.

STAFF.—The permanent staff of the hospital comprises of an Honorary Surgeon, two Resident Medical Assistants, one Matron, six nurses, one clerk and one compounder under the control of the Medical Superintendent, Hospitals.

I was in charge of this hospital throughout the year.

### I—ACCOMMODATION.

There are five wards, each accommodating sixteen patients. Total beds eighty.

Many times the accommodation had to be increased by putting extra beds in some of the wards owing to the rush of patients. The daily average number of patients was 76.05.

### II—COST.

The average weekly cost per patient (in-door) compared with the previous three years is as follows:—

TABLE I.

| | 1934. | 1935. | 1936. | 1937. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Medicines .. .. .. | 0 10 6 | 0 13 8½ | 0 9 11 | 0 10 11¾ |
| Diets .. .. .. .. | 2 14 6 | 2 12 7½ | 3 3 2¼ | 3 7 10¼ |
| Clothings .. .. .. | 0 5 8 | 0 6 5 | 0 6 10¼ | 0 8 9 |
| Disinfectants .. .. .. | 0 3 0 | 0 3 2½ | 0 2 2¼ | 0 2 2¼ |
| Stores ... .. .. .. | 0 5 5 | 0 5 10 | 0 4 11¼ | 0 3 7¾ |
| Total .. | 4 7 1 | 4 9 9½ | 4 11 2 | 5 1 5 |
| No. of Patients .. | 1,006 | 1,208 | 1,241 | 1,155 |

## III.—GENERAL STATISTICS.

TABLE II.

| Particulars. | Phthisis. | Other Diseases. | Total. |
|---|---|---|---|
| Patients remaining on the 1st Jan. 1937 .. .. .. .. | 65 | 2 | 67 |
| Patients admitted .. .. .. | 1,138 | 17 | 1,155 |
| Total treated .. | 1,203 | 19 | 1,222 |
| Discharges .. .. .. .. | 606 | 11 | 617 |
| Deaths .. .. .. .. | 524 | 6 | 530 |
| Mortality per cent. .. .. .. | 42.7 | 33.3 | 43.4 |
| Remaining on the 1st Jan. 1938 .. | 70 | 1 | 71 |

TABLE III.

Statement showing the persons of different castes treated.

| Classes. | Males. | Females. | Total. |
|---|---|---|---|
| Hindus— | | | |
| Adults .. .. .. .. | 437 | 200 | 637 |
| Children .. .. .. .. | .... | .... | .... |
| Mahomadans— | | | |
| Adults .. .. .. .. | 207 | 116 | 323 |
| Children .. .. .. .. | .... | .... | .... |
| European and Eurasian— | | | |
| Adults .. .. .. .. | 1 | 5 | 6 |
| Children .. .. .. .. | .... | .... | .... |
| Others— | | | |
| Adults .. .. .. .. | 118 | 70 | 188 |
| Children .. .. .. .. | .... | 1 | 1 |
| Total .. | 762 | 393 | 1,155 |

TABLE IV.

Patients admitted, died and discharged during each month.

| Months. | Phthisis. | Malaria. | Other Diseases. | Total. | Deaths. | Dis-charged. | Daily Average. |
|---|---|---|---|---|---|---|---|
| January .. .. .. | 106 | .. | 1 | 107 | 51 | 48 | 69.5 |
| February .. .. | 91 | .. | 2 | 93 | 45 | 63 | 69.5 |
| March .. .. .. | 103 | .. | 4 | 107 | 43 | 60 | 69.3 |
| April .. .. .. | 91 | .. | 3 | 94 | 36 | 46 | 75.9 |
| May .. .. .. | 85 | .. | 1 | 86 | 29 | 68 | 75.7 |
| June .. .. .. | 89 | .. | .. | 89 | 41 | 47 | 76.7 |
| July .. .. .. | 90 | .. | 1 | 91 | 41 | 42 | 78.2 |
| August .. .. .. | 102 | .. | 3 | 105 | 51 | 53 | 82.3 |
| September .. .. | 97 | .. | .. | 97 | 46 | 59 | 78.0 |
| October .. .. .. | 99 | .. | .. | 99 | 44 | 50 | 79.6 |
| November .. .. | 91 | .. | .. | 91 | 52 | 44 | 79.7 |
| December .. .. | 94 | .. | 2 | 97 | 51 | 48 | 78.2 |
| Total .. | 1,138 | .. | 17 | 1,155 | 530 | 628 | 76.05 |

## IV.—OTHER DISEASES.

**Road-side Cases.**—These cases were sent by Police and Municipal District Officers and a few had to be admitted from the out-door Dispensary. Most of them suffered from chronic diarrhœa, anæmia and extreme weakness due to starvation.

**Malaria.**—Only 22 cases were treated at the out-door patients' dispensary during the year 1937. Out of 17 blood films examined 5 were found positive. All these cases were reported to Malaria Office.

## V.—TUBERCULOSIS.

During the year 1,155 cases of tuberculosis were admitted in the hospital. The particulars are given below :—

TABLE V.

| Particulars. | Number. |
|---|---|
| Patients remained on 1st January 1937 | 67 |
| „ admitted during the year | 1,155 |
| „ relieved | 68 |
| „ discharged at request or otherwise | 550 |
| „ died | 530 |
| „ mortality per cent. | 43.4 |
| „ remained on 1st January 1938 | 75 |

X-Ray and screening examinations were carried out in 189 cases of Pulmonary Tuberculosis at the King Edward Memorial Hospital, Parel.

## TREATMENT.

**Drugs.**—No special drugs were used during the year.

## RELAXATION THERAPY OF LUNGS.

(1) **Artificial Pneumothorax.—**

| Total No. of cases. | Improved. | Continued. | Discontinued for various reasons. | Became worse and Died. | Cured. | Percentage of improvement. |
|---|---|---|---|---|---|---|
| 63 | 24 | 9 | 20 | 6 | 4 | 51.5 |

(2) **Operative Treatment on Phrenic Nerve and Scalenectomy.**

| Total No. of Cases. | Improved. | Not improved. | Became worse and Died. | Percentage of improvement. |
|---|---|---|---|---|
| 44 | 24 | 12 | 8 | 54·5 |

(3) **Thoracoplasty.**—There were cases suitable for further surgical treatment like Thoracoplasty but the patients inspite of repeated advice to undergo the operation refused on several occasions.

The following operations were done by the Honorary Surgeon Dr. C. S. Patel, F.R.C.S.

| Particulars. | Number. |
|---|---|
| Phrenic Evulsion | 35 |
| Phrenicotomy | 1 |
| Phrenic Nerve crushing | 3 |
| Scalenectomy | 5 |
| Total | 44 |

## VI.—OUT-PATIENTS' DISPENSARY.

The out-door dispensary was well attended as seen from attendance from year to year.

TABLE VI.

| —— | 1933 | 1934 | 1935 | 1936 | 1937 |
|---|---|---|---|---|---|
| No. of cases treated .. | 1,939 | 3,701 | 5,291 | 5,252 | 4,221 |

The following table shows the different diseases treated in the out-patients' dispensary.

TABLE VII.

| Diseases. | No. of patients treated. |
|---|---|
| Influenza .. .. .. .. .. .. .. .. .. .. | 90 |
| Dysentry .. .. .. .. .. .. .. .. .. .. | 52 |
| Diarrhœa .. .. .. .. .. .. .. .. .. .. | 193 |
| Malaria .. .. .. .. .. .. .. .. .. .. | 22 |
| Fever not defined .. .. .. .. .. .. .. .. .. | 772 |
| Bronchitis .. .. .. .. .. .. .. .. .. | 546 |
| Pneumonia .. .. .. .. .. .. .. .. .. | 9 |
| Diseases of Teeth .. .. .. .. .. .. .. .. .. | 38 |
| Corneal Ulcer .. .. .. .. .. .. .. .. .. | 1 |
| Ophthalmia .. .. .. .. .. .. .. .. .. | 8 |
| Ring worms .. .. .. .. .. .. .. .. .. | 76 |
| Scabies .. .. .. .. .. .. .. .. .. .. | 216 |
| Round worm .. .. .. .. .. .. .. .. .. | 139 |
| Other Diseases .. .. .. .. .. .. .. .. .. | 2,059 |
| Total .. | 4,221 |

## VII.—LABORATORY, ETC.

TABLE VIII.

The following specimens were examined.

| Particulars. | No. of specimens examined. |
|---|---|
| Sputum .. .. .. .. .. .. .. .. .. .. | 1,130 |
| Blood films .. .. .. .. .. .. .. .. .. | 17 |
| Urine .. .. .. .. .. .. .. .. .. .. | 35 |
| Stools .. .. .. .. .. .. .. .. .. .. | 8 |
| Total .. | 1,190 |

The Indian Oxygen and Acetylene Co., Ltd., were kind enough to continue the supply of oxygen gas for the use of patients free of charge.

P. T. PATEL, M.D. (Lond.), M.R.C.P. (Lond.), D.T.M.&H. (Cantab.), F.C.P.S.,
*Medical Superintendent,*
*Maratha Tuberculosis Hospital.*

# REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING THE YEAR ENDING 31st DECEMBER 1937.

The total number of samples examined during the period under report was 16,797 (excluding malaria slides) as compared with 14,228 samples in the year 1936. Of the above, 14,147 samples were examined chemically and 2,650 bacteriologically. In 1936, the total number of chemical and bacteriological samples was 12,023 and 2,205 respectively.

Besides the above, 1,389 slides from the Municipal Dispensaries were examined for the detection of Malaria Parasites.

## Chemical.

Out of the 14,147 samples examined chemically, the following were foodstuffs :—

| Nature. | Statutory and Municipal. | Private. | Total. |
|---|---|---|---|
| Milk .. .. .. .. .. | 6,799 | 31 | 6,830 |
| Ghee .. .. .. .. .. | 2,176 | 116 | 2,292 |
| Butter .. .. .. .. | 1,022 | 3 | 1,025 |
| Vegetable Product .. .. .. | 414 | .... | 414 |
| Margarine .. .. .. .. | 41 | .... | 41 |
| Tea and Tea Dust .. .. .. | 667 | 4 | 671 |
| Oils .. .. .. .. .. | 50 | .... | 50 |
| Flour .. .. .. .. .. | 12 | .... | 12 |
| Other Foodstuffs .. .. .. | 30 | .... | 30 |
| Total .. | 11,211 | 154 | 11,365 |

## Milk.

Out of 6,830 samples of milk examined, 7 were sent by the Executive Health Officer, 23 by the Dean, King Edward Memorial Hospital, 6,769 by the Assistant Health Officers under Section 412-A of the Municipal Act and 31 by private individuals.

The samples from the Assistant Health Officers showed adulteration in 1,385 instances, thus giving a percentage of adulterated samples of 20.4. Out of those sent by the Executive Health Officer and private individuals, 1 of each was found to be adulterated, while all the samples of the Dean, King Edward Memorial Hospital, were, on examination, found to be genuine.

Statement showing samples of milk submitted under The Bombay Prevention of Adulteration Act of 1925.

| Received from | Total. | Genuine. | Not Genuine. | Percentage of adulterated samples. |
|---|---|---|---|---|
| Asstt. Health Officer, A & B Wards .. | 986 | 777 | 209 | 21.2 |
| ,, ,, C & D ,, .. | 2,509 | 2,057 | 452 | 17.4 |
| ,, ,, E ,, .. | 1,420 | 1,165 | 255 | 17.9 |
| ,, ,, F & G ,, .. | 1,854 | 1,385 | 469 | 26.2 |
| Total .. | 6,769 | 5,384 | 1,385 | 20.4 |

## Preservatives in Milk.

The above mentioned 6,769 samples of milk were examined for preservatives, *viz.*, Boric Acid and Formalin.

In 9 samples Boric Acid was detected.

## Ghee.

2,292 samples of ghee were examined. Out of these, 1,983 were received from the Assistant Health Officers for legal purposes, 87 from the Executive Health Officer, 1 each from the Assistant Health Officers, A & B and C & D Wards, for non-statutory purpose, 36 from the Dean, King Edward Memorial Hospital, 68 from the Superintendent, Acworth Leper Home and 116 from private individuals.

The samples from the Assistant Health Officers showed adulteration in 106 instances, thus giving a percentage of adulterated samples of 5.2. Those sent by the Executive Health Officer, The Assistant Health Officer, C & D Wards, the Dean, King Edward Memorial Hospital, and private individuals showed adulteration in 1, 1, 5 and 38 instances respectively. The remaining samples were, on examination, found to be genuine.

Statement showing samples of ghee submitted under the Bombay Prevention of Adulteration Act of 1925.

| Received from | Total. | Genuine. | Not Genuine. | Percentage of adulterated samples. |
|---|---|---|---|---|
| Asstt. Health Officer, A & B Wards .. | 353 | 327 | 26 | 7.4 |
| ,, ,, C & D ,, .. | 678 | 642 | 36 | 5.3 |
| ,, ,, E ,, .. | 454 | 432 | 22 | 4.8 |
| ,, ,, F & G ,, .. | 498 | 476 | 22 | 4.4 |
| Total .. | 1,983 | 1,877 | 106 | 5.2 |

## Butter.

1,025 samples of butter were examined. Out of these, 1,007 samples were sent by the Assistant Health Officers for legal purposes, 15 by the Dean, King Edward Memorial Hospital, and 3 by private individuals.

The samples from the Assistant Health Officers showed adulteration in 41 instances, thus giving a percentage of adulterated samples of 4.1 while all the samples from the Dean, King Edward Memorial Hospital, and private individuals were, on examination, found to be genuine.

Statement showing the samples of butter submitted under the Bombay Prevention of Adulteration Act of 1925.

| Received from | Total | Genuine. | Not Genuine. | Percentage of adulterated samples. |
|---|---|---|---|---|
| Asstt. Health Officer, A & B Wards .. | 280 | 270 | 10 | 3.6 |
| ,, ,, C & D ,, .. | 197 | 189 | 8 | 4.1 |
| ,, ,, E ,, .. | 273 | 265 | 8 | 2.9 |
| ,, ,, F & G ,, .. | 257 | 242 | 15 | 5.8 |
| Total .. | 1,007 | 966 | 41 | 4.1 |

## Vegetable Product.

414 samples of vegetable product were received for analysis all of which were submitted by the Assistant Health Officers for legal purposes. All the samples, except 20, were, on examination, found to be free from butter fat.

Statement showing the samples of vegetable product submitted under the Bombay Prevention of Adulteration Act of 1925.

| Received from | Total. | Genuine. | Not Genuine. | Percentage of adulterated samples. |
|---|---|---|---|---|
| Asstt. Health Officer, A & B Wards .. | 61 | 57 | 4 | 6.6 |
| ,, ,, C & D ,, .. | 96 | 86 | 10 | 10.4 |
| ,, ,, E Ward .. | 135 | 135 | .... | .... |
| ,, ,, F & G Wards .. | 122 | 116 | 6 | 4.9 |
| Total .. | 414 | 394 | 20 | 4.8 |

## Margarine.

41 samples of margarine were received, 31 being submitted by the Assistant Health Officer, E Ward and 10 by the Assistant Health Officer, F & G Wards, for legal purposes, all of which, except 1 from the Assistant Health Officer, F & G Wards, were, on examination, found to be free from butter fat.

## Tea and Tea Dust.

671 samples of tea and tea dust were received, 665 being submitted by the Assistant Health Officers for legal purposes, 2 by the Executive Health Officer and 4 from private individuals, all of which, except 9 from the Assistant Health Officer, A & B Wards and 2 from the Assistant Health Officer, F & G Wards, were, on examination, found to be genuine.

Statement showing the samples of tea and tea dust submitted under the Bombay Prevention of Adulteration Act of 1925.

| Received from | No. of samples. |
|---|---|
| Asstt. Health Officer, A & B Wards .. .. .. .. .. .. | 149 |
| ,, ,, C & D ,, .. .. .. .. .. .. | 163 |
| ,, ,, E Ward .. .. .. .. .. .. | 169 |
| ,, ,, F & G Wards .. .. .. .. .. .. | 184 |
| Total .. | 665 |

## Flour.

12 samples of flour were examined, 10 samples being received from the Assistant Health Officer, E Ward, I from the Executive Health Officer and 1 from the Town Duty Officer, as under, all of which were, on examination, found to be genuine.

7 Wheat Flour,
3 Rice ,, and
2 Gram ,,

12

## Vinegar.

8 samples of vinegar were examined, out of which 7 were submitted by the Assistant Health Officer, A & B Wards. 5 out of the 8 were, on examination, found to be artificial vinegar, while 3 were found to be malt vinegar.

## Oils.

50 samples of oil were received, as under, for analysis, from the Storekeeper, none of which were sent for legal purposes. All the samples of oil except 2 of cocoanut oil and 2 of linseed oil were, on examination, found to be genuine.

| Received from | Castor. | Cocoanut. | Sweet. | Linseed. | Total. |
|---|---|---|---|---|---|
| Storekeeper .. .. | 9 | 14 | 13 | 14 | 50 |

## Other Foodstuffs.

22 samples of other foodstuffs were received from different Municipal authorities as under :—

| Received from | Dry Milk Powder. | Dry Fish. | Solidified Milk. | Cream. | Saffron. | Sugar. | Aerated Water. | Total. |
|---|---|---|---|---|---|---|---|---|
| Executive Health Officer .. | 7 | 5 | 2 | .. | .. | .. | 1 | 15 |
| Asst. Health Officer, A & B Wards | .. | .. | .. | .. | 3 | .. | .. | 3 |
| ,, ,, C & D ,, | .. | .. | .. | 2 | .. | 1 | .. | 3 |
| ,, ,, E Ward | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Total .. | 8 | 5 | 2 | 2 | 3 | 1 | 1 | 22 |

The 2 samples of Solidified milk from Cawnpore and the 8 samples of Dry Milk Powder were, on examination, found to be deficient in fat, while all the other samples were found to be genuine.

## Waters.

2,102 samples of water were examined as under :—

| | | |
|---|---|---|
| 192 | from | Public Supply, |
| 1,846 | ,, | Wells, and |
| 64 | ,, | Other sources. |
| 2,102 | | |

Out of 1,846 samples of well water examined, 1,837 were submitted by the Assistant Health Officers, as under, and 9 were sent by private individuals, out of which 407 from the Assistant Health Officers were, on examination, found to be unfit for potable purposes.

| Received from | Total. | Fit. | Unfit. |
|---|---|---|---|
| Assistant Health Officer, Malaria .. | 32 | 24 | 8 |
| ,, ,, ,, A & B Wards | 131 | 106 | 25 |
| ,, ,, ,, C & D ,, .. | 1,010 | 863 | 147 |
| ,, ,, ,, E Ward .. | 100 | 74 | 26 |
| ,, ,, ,, F & G Wards .. | 564 | 363 | 201 |
| Total .. | 1,837 | 1,430 | 407 |

## Samples for Diagnostic Purposes.

587 samples of urine were examined chemically, out of which 273 were sent by private individuals and 314 by Municipal Dispensaries.

## Miscellaneous.

| | No. of samples |
|---|---|
| Ink .. .. .. .. .. | 22 |
| Tropical Chloride of Lime .. .. | 12 |
| Turpentine .. .. .. .. | 11 |
| Drugs .. .. .. .. .. | 10 |
| Soap .. .. .. .. .. | 10 |
| Insecticide .. .. .. .. | 6 |
| Barium Carbonate .. .. .. | 3 |
| Sewage .. .. .. .. .. | 3 |
| Pig Lead .. .. .. .. .. | 2 |
| Lime .. .. .. .. .. | 1 |
| Rubber Solvant .. .. .. .. | 1 |
| Rubber Litex .. .. .. .. | 1 |
| Dry Ice .. .. .. .. .. | 1 |
| Sundries .. .. .. .. .. | 10 |
| Total .. | 93 |

## Bacteriological.

4,039 samples were examined bacteriologically, including 1,389 slides examined for Malaria Parasites.

## Waters.

215 samples of water were examined as under :—

| | | |
|---|---|---|
| 120 | from | Public Supply, |
| 7 | ,, | Wells, and |
| 88 | ,, | Other Sources. |
| 215 | | |

## Disinfectants.

36 samples of disinfectants were examined to determine the Rideal Walker Coefficient.

## Samples for Diagnostic Purposes.

| Nature. | Total. | Specific Organism. | |
|---|---|---|---|
| | | Present. | Absent. |
| Blood for Malaria .. .. .. | 1,389 | 145 | 1,244 | .... |
| ,, ,, Differential Counts .. | 52 | .... | .... | 52 |
| ,, ,, Widal .. .. .. | 1 | .... | 1 | .... |
| ,, ,, Fileria .. .. .. | 2 | .... | 2 | .... |
| Sputum for T. B. .. .. .. | 1,818 | 320 | 1,498 | .... |
| Milk ,, ,, .. .. .. | 2 | .... | 2 | .... |
| ,, ,, B. Typhosus .. .. | 2 | .... | 2 | .... |
| Swab for Diphtheria .. .. .. | 248 | .... | 248 | .... |
| Urine for Gonococci .. .. .. | 18 | 7 | 11 | .... |
| ,, ,, B. Coli .. .. .. | 2 | .... | 2 | .... |
| Vaginal Discharge for Gonococci .. | 7 | 1 | 6 | .... |
| Eye ,, ,, ,, .. | 1 | .... | 1 | .... |
| Fæces for Ova .. .. .. | 2 | .... | 2 | .... |
| Nose Smear for Leprosy .. .. | 1 | .... | 1 | .... |
| Total .. | 3,545 | 473 | 3,020 | 52 |

## Miscellaneous.

| | |
|---|---|
| Vaccine .. .. .. .. .. | 199 |
| Ice-Cream .. .. .. .. .. | 35 |
| Sundries .. .. .. .. .. | 9 |
| Total .. | 243 |

C. COUTINHO,
D. Hy., B. Sc., L. M. & S., F.C.P.S.,
*Municipal Analyst.*

## CHEMICAL STATEMENT No. I.

Statement of samples received for chemical examination during the year ending 31st December 1937.

| Received from | Waters. | | | Food-stuffs. | | | | | | | | | Oils. | | | | Other Food-stuffs. | Turpentine. | Urine. | Miscellaneous. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Bombay. | Well. | Others. | Milk. | Cream. | Ghee. | Butter. | Vegetable product. | Margarine. | Tea. | Flour. | Vinegar. | Cocoanut. | Sweet. | Castor. | Linseed. | | | | | |
| Executive Health Officer | .. | .. | .. | 7 | .. | 87 | .. | .. | .. | 2 | 1 | .. | .. | .. | .. | .. | 15 | .. | .. | 21 | 133 |
| Hydraulic Engineer | 120 | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 160 |
| City Engineer | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 4 |
| Superintendent of Licenses | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 9 |
| Town Duty Officer | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 4 |
| Storekeeper | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 13 | 9 | 14 | .. | 11 | .. | 12 | 73 |
| Dean, K. E. M. Hospital | .. | .. | .. | 23 | .. | 36 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 74 |
| Asstt. Health Officer, Malaria | .. | 32 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |
| Asstt. Health Officer, A & B Wards | .. | 131 | 1 | 986 | .. | 354 | 280 | 61 | .. | 149 | .. | 7 | .. | .. | .. | .. | 3 | .. | .. | 2 | 1,974 |
| Asstt. Health Officer, C & D Wards | .. | 1,010 | .. | 2,509 | 2 | 679 | 197 | 96 | .. | 163 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 8 | 4,665 |
| Asstt. Health Officer, E Ward | .. | 100 | 1 | 1,420 | .. | 454 | 273 | 135 | 31 | 169 | 10 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 2,594 |
| Asstt. Health Officer, F & G Wards | .. | 564 | 10 | 1,854 | .. | 498 | 257 | 122 | 10 | 184 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3,500 |
| Superintendent, Acworth Leper Home | .. | .. | .. | .. | .. | 68 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 68 |
| Other Municipal Sources | 72 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 314 | 82 | 409 |
| Private | .. | 9 | 9 | 31 | .. | 116 | 3 | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | 273 | .. | 445 |
| Total | 192 | 1,846 | 64 | 6,830 | 2 | 2,292 | 1,025 | 414 | 41 | 671 | 12 | 8 | 14 | 13 | 9 | 14 | 20 | 11 | 587 | 82 | 14,147 |

C. COUTINHO,

*Municipal Analyst.*

## BACTERIOLOGICAL STATEMENT No. II.

Statement of samples examined bacteriologically during the year ending 31st December 1937.

| Received from | Water. | | | Disinfectants. | Blood for Malaria. | Blood for Differential Counts. | Blood for Widal. | Blood for Filaria. | Sputum for T. B. | Milk for T. B. | Milk for B. Typhosus. | Swab for Diphtheria. | Urine for Gonococci. | Urine for B. Coli. | Vaginal Discharge for Gonococci. | Eye Discharge for Gonococci. | Faeces for Ova. | Nose Smear for Leprosy. | Vaccine Tubes. | Ice Cream. | Miscellaneous. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Bombay. | Well. | Others. | | | | | | | | | | | | | | | | | | | |
| Executive Health Officer .. .. | .. | .. | .. | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| Hydraulic Engineer .. .. .. | 48 | .. | 56 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 104 |
| Superintendent, of Vaccination .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 199 | .. | .. | 199 |
| Assistant Health Officer, C & D Wards .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | 35 |
| Other Municipal Sources .. .. .. | 72 | 4 | 11 | .. | 1,389 | 51 | 1 | 2 | 1,740 | 2 | 2 | 248 | 14 | 2 | 7 | 1 | 1 | 1 | .. | .. | 9 | 3,557 |
| Private .. .. .. .. .. | .. | 3 | 21 | .. | .. | 1 | .. | .. | 78 | .. | .. | .. | 4 | .. | .. | .. | 1 | .. | .. | .. | .. | 108 |
| Total .. | 120 | 7 | 88 | 36 | 1,389 | 52 | 1 | 2 | 1,818 | 2 | 2 | 248 | 18 | 2 | 7 | 1 | 2 | 1 | 199 | 35 | 9 | 4,039 |

C. COUTINHO,
*Municipal Analyst.*

TABLE No. III.

## CHEMICAL.

Statement of Results of Bombay Waters for the year ending 31st December 1937.

| Source. | January. | | February. | | March. | | April. | | May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Tansa Water.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. | 12.6 | 12.0 | 12.0 | 10.0 | 10.0 | 10:0 | 11.0 | 11.0 | 11.0 | 10.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 11.0 | 10.0 | 10.0 | 10.0 |
| Chlorine .. .. .. | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 |
| Free Ammonia . .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | 0.001 | *Nil.* |
| Albuminoid Ammonia .. | 0.007 | 0.008 | 0.008 | 0.011 | 0.009 | 0.008 | 0.012 | 0.008 | 0.010 | 0.012 | 0.010 | 0.009 | 0.007 | 0.008 | 0.006 | 0.008 | 0.007 | 0.008 | 0.006 | 0.013 | 0.007 | 0.008 | 0.006 | 0.008 |
| Oxygen Absorbed at 80°F (Tidy's Process) .. .. | 0.026 | 0.030 | 0.032 | 0.028 | 0.029 | 0.029 | 0.026 | 0.028 | 0.026 | 0.030 | 0.028 | 0.028 | 0.026 | 0.024 | 0.022 | 0.024 | 0.022 | 0.022 | 0.022 | 0.026 | 0.024 | 0.022 | 0.024 | 0.024 |
| *Tulsi Water.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. | 22.0 | 21.0 | 22.0 | 20.0 | 21.0 | 21.0 | 20.0 | 20.0 | 20.0 | 20.0 | 19.0 | 20.0 | 19.0 | 20.0 | 18.0 | 20.0 | 18.0 | 18.0 | 17.0 | 20.0 | 18.0 | 20.0 | 20.0 | 18.0 |
| Chlorine .. .. .. | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 |
| Free Ammonia .. .. | 0.001 | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | 0.001 | *Nil.* | *Nil.* | *Nil.* | 0.002 | 0.003 | 0.002 |
| Albuminoid Ammonia .. | 0.012 | 0.015 | 0.018 | 0.026 | 0.022 | 0.013 | 0.018 | 0.020 | 0.018 | 0.015 | 0.017 | 0.013 | 0.012 | 0.012 | 0.014 | 0.009 | 0.012 | 0.014 | 0.011 | 0.035 | 0.027 | 0.032 | 0.028 | 0.013 |
| Oxygen Absorbed at 80°F (Tidy's Process) .. .. | 0.056 | 0.058 | 0.058 | 0.046 | 0.048 | 0.046 | 0.048 | 0.048 | 0.053 | 0.046 | 0.056 | 0.040 | 0.042 | 0.040 | 0.042 | 0.036 | 0.038 | 0.065 | 0.052 | 0.062 | 0.042 | 0.056 | 0.058 | 0.040 |
| *Vehar Lake.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. | 24.0 | 25.0 | 25.0 | 21.0 | 21.0 | 21.0 | 22.0 | 21.0 | 22.0 | 22.0 | 21.0 | 22.0 | 22.0 | 22.0 | 20.0 | 22.0 | 20.0 | 20.0 | 19.0 | 20.0 | 20.0 | 22.0 | 22.0 | 20.0 |
| Chlorine .. .. .. | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 |
| Free Ammonia .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | 0.001 | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | 0.001 | *Nil.* | *Nil.* | *Nil.* |
| Albuminoid Ammonia .. | 0.024 | 0.022 | 0.014 | 0.028 | 0.014 | 0.012 | 0.016 | 0.022 | 0.014 | 0.019 | 0.016 | 0.015 | 0.018 | 0.010 | 0.009 | 0.016 | 0.014 | 0.018 | 0.016 | 0.015 | 0.028 | 0.032 | 0.022 | 0.014 |
| Oxygen Absorbed at 80°F (Tidy's Process) .. .. | 0.096 | 0.078 | 0.062 | 0.056 | 0.052 | 0.048 | 0.052 | 0.064 | 0.073 | 0.068 | 0.062 | 0.062 | 0.062 | 0.048 | 0.048 | 0.056 | 0.050 | 0.048 | 0.044 | 0.062 | 0.066 | 0.070 | 0.064 | 0.050 |

C. COUTINHO,
*Municipal Analyst.*

TABLE No. IV.

## BACTERIOLOGICAL.

Results of Bacteriological Analysis of Bombay Waters during the year 1937.

Minimum No. of c.c. showing the presence of Lactose Fermenters.

| Source. | January. | | February. | | March. | | April. | | May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Tansa Water collected at Ghatkopar. | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 |
| 2. Tansa Water from the outlet from Malabar Hill Reservoir. | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 50 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 |
| 3. Tansa Water from 72" Tansa Main at Powai. | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 |
| 4. Tansa Water from the outlet from Bhandarwada Reservoir. | +in 50 | —in 100 | —in 100 | +in 50 | —in 50 | —in 100 | —in 100 | —in 100 | —in 50 | —in 50 | —in 100 | —in 50 | —in 50 | —in 50 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 | —in 100 |

C. COUTINHO,

*Municipal Analyst.*

# THE ANNUAL REPORT OF THE SUPERINTENDENT OF VACCINATION FOR THE YEAR 1937.

Before the introduction of vaccination, inoculation from the virus of Small-pox was practised for securing immunity against Small-pox. Vaccination was first introduced in Bombay about the year 1802. The lymph was then obtained from England *via* Constantinople by means of saturated silk threads. The next date of importance in the History of vaccination in India and Bombay in particular was 1827, in which year the Bombay system of vaccination was introduced. It was due to the enlightened liberality of the Hon'ble Mount Stuart Elphinstone, then Governor of Bombay. He arranged the vaccination work of the Presidency under four circles or divisions to each of which he appointed a European Superintendent of Vaccination with an establishment of Indian Vaccinators under him. The Superintendent was exempted from all local control and carried on his operations in whatever parts of his districts, he thought proper, reporting monthly to the Medical Board of Bombay. The great merits of this system were that it brought Vaccination to the doors of the people—too lazy, too poor or too ignorant to seek for it—and that it ensured the examination by a Medical man of every case operated upon.

Calf inoculation was started in Bombay in 1869 and the lymph was cultivated from calf to calf till the year 1924.

The Bombay Vaccination Act of 1877 which extends to the City of Bombay provides Public Vaccination Stations where vaccination work is done free of charge on certain specified days and hours. Prior to 1877 the vaccination work was under the charge of one of the professors of the Grant Medical College, who was the first to vaccinate calves in Bombay and perform calf-to-arm vaccination. After the passing of the Vaccination Act the department was taken over by Government in 1877 and placed under Dr. Anant Chandroba who kept up the practice of inoculating calves and of calf-to-arm vaccination.

In 1909 the Vaccination Department of the City was taken over by the Municipality who continued the practice of calf-to-arm vaccination and also prepared and used glycerinated vaccine for vaccination. Since 1924 the preparation of calf-lymph preserved in glycerine was discontinued and vaccine prepared at Belgaum was used instead. Since the Act was brought into force calf-lymph only is used for vaccination and the Variolation method is forbidden. Puncture and tattooing methods are tried in certain places in India, but these methods are painful and give rise to big scars. The method followed in Bombay is that of Scarification by which scratches, single or multiple, about $\frac{1}{4}$ inch long are made with the vaccination lancet previously charged with lymph. The method secures an area of $\frac{1}{2}$ square inch in vaccination marks recommended by the Royal Commission on Vaccination to ensure efficient protection against Small-pox.

During the year under report Dr. G. G. Limaye was in charge from 1st to 15th January 1937, again from 6th May to 5th June 1937, and Dr. J. H. Doctor from 24th July to 27th September 1937 and myself from 16th January to 5th May 1937, from 6th June to 23rd July 1937 and from 28th September 1937 to the end of the year.

(1) **Vaccine Operations with Results.**—The following statement shows the number of persons primarily vaccinated and those re-vaccinated during the year 1937 and the preceding nine years and the percentage of successful primary operations in each year :—

| Year. | Primary Vaccinations. | | | Number of Revaccination. | Total number of persons vaccinated. |
|---|---|---|---|---|---|
| | Number of children vaccinated. | Number successful. | Percentage of successful vaccinations to the total number vaccinations. | | |
| 1928 .. .. .. | 20,625 | 19,142 | 93 | 15,018 | 35,643 |
| 1929 .. .. .. | 21,788 | 19,634 | 90 | 48,978 | 70,766 |
| 1930 .. .. .. | 24,710 | 21,777 | 88 | 99,808 | 124,518 |
| 1931 .. .. .. | 19,952 | 18,944 | 95 | 7,709 | 27,661 |
| 1932 .. .. .. | 23,783 | 22,292 | 94 | 12,436 | 36,219 |
| 1933 .. .. .. | 33,439 | 27,428 | 82 | 243,102 | 276,541 |
| 1934 .. .. .. | 26,203 | 24,774 | 95 | 17,824 | 44,027 |
| 1935 .. .. .. | 32,729 | 29,189 | 89 | 101,531 | 134,260 |
| 1936 .. .. .. | 29,462 | 27,240 | 92 | 61,388 | 90,850 |
| 1937 .. .. .. | 35,151 | 32,519 | 93 | 71,957 | 107,108 |

Out of the children vaccinated primarily 24,191 were born in Bombay City and 10,960 outside, as against 20,423 and 9,039 respectively in the previous year. It will be noticed from the above statement that the number of primary vaccinations was unprecedented for a non-epidemic year and even much larger than the largest total for an epidemic year, *viz.*, 1933. This was so though there was no epidemic during the year except for the incidence of several small-pox cases in November and December 1937 bordering on an epidemic. The marked increase was to a large extent due to the vigilance of the vaccination staff, who do not, as far as possible, allow any child to remain unvaccinated. Occurrence of small-pox cases in the last month of the year to some extent precipitated an increase in vaccinations during that month. Many special arrangements for revaccinations were made on this account at the time at the Public and Private Offices, Police Lines and elsewhere by prior appointments thus offering facilities to the public in bringing vaccination to their doors. The periodic recurrence of a large number of small-pox cases is not attributable to lack of measures for vaccination or supervision by this Branch, but to the absence of compulsory revaccination and the large illiterate population who do not avail themselves of the facilities offered for revaccination. It is also due to the influx of a large number of persons from up-country and coast Ports who are unprotected or not properly protected, and who continually replace the existing population and become victims of small-pox during its recurrence. Amongst the small-pox cases reported this year there was a large number of unvaccinated persons who were more than 14 years of age and were outborn and who do not therefore come under the law of compulsory primary vaccination.

The percentage of known success in the case of primary vaccinations was 92.51. This is to be considered satisfactory, and would have been still greater, if the results of vaccinated children who were removed out of Bombay after vaccination could have been ascertained.

(2) **The Result of Vaccinations by Ages.**—The following Table represents the results of primary vaccinations by their ages :—

| Results. | Under 1 Year. | 1–6 Years. | 6 Years and Upwards. | Total. |
|---|---|---|---|---|
| Successful .. .. .. | 24,533 | 7,848 | 138 | 32,519 |
| Unsuccessful .. .. | 53 | 40 | 5 | 98 |
| Unknown .. .. .. | 1,721 | 778 | 35 | 2,534 |
| Total .. .. .. | 26,307 | 8,666 | 178 | 35,151 |

(3) **Inspection of Results.**—The reports of the Vaccinators were checked by the Superintendent in 6,726 cases and by the Head Vaccinator in 8,581 cases. The details are shown in the statement below :—

| Details of Inspections. | By the Superintendent. | By the Head Vaccinator. |
|---|---|---|
| No. of cases inspected .. .. .. .. .. | 6,726 | 8,581 |
| No. of cases successful .. .. .. .. .. | 6,725 | 8,578 |
| No. of cases unsuccessful .. .. .. .. .. | 1 | 3 |
| Percentage of success in the inspected cases .. .. | 99.98 | 99.96 |
| Percentage of inspection to the total vaccinated .. | 21.09 | 26.91 |

It will be seen from the above statement that care was taken to check Vaccinators' work in a large number of cases that revisited the Stations for inspection and that the same was found to be satisfactory. It also ensured that the vaccine used was of good potency.

(4) **Income.**—The following statement shows the details of income derived from the sale of Lymph and fees charged for vaccinations done at private places, firms, etc., for giving instructions in Vaccination and for Extracts, etc., during the year under report :—

| Amount realised from sale of Lymph. | Municipal Moiety of the Fees realised from Private Vaccinations. | Municipal Fees (Moiety only) Recovered from Medical and Private Students for receiving Vaccination Instructions. | Fees realised from Vaccination Extracts. | Total. |
|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,958 12 0 | 1,505 12 0 | 1,185 0 0 | 110 0 0 | 4,759 8 0 |

(5) **Cost of Single Operation.**—The cost of each successful vaccine operation taking into account all the charges incurred by the Vaccination Branch was Rs. 2-1-1 as against Rs. 2-3-4 in the preceding year. If the amount of income of Rs. 4,759-8-0 shown above is deducted from the total expenditure, the cost works out at Rs. 1-14-9 as against Rs. 2-0-8 of the previous year. If calculated in the total number of vaccinal operations the cost of each operation, after deducting the amount of income shown above, comes to Re. 0-9-4 as against Re. 0-9-9 in the preceding year.

(6) **Postponement Certificates.**—During the year under report 585 certificates for the postponement of vaccination of children were granted.

(7) **Prosecution.**—There were no cases of prosecution instituted for failure to bring infants for vaccination or for failure to present them for inspection seven days after the operation.

(8) **Ill Effects from Vaccination.**—No serious ill effects following vaccination were observed or reported during the year.

(9) **Instructions to Students.**—During the year under report 269 Civil Medical Pupils and 61 private students from the City and the mofussil attended different Public Vaccination Stations for instruction in Vaccination. Besides these 8 Health Visitors of Bombay Presidency Infant Welfare Society were given free instructions in vaccination under a request made by the Secretary of the Society.

(10) **Vaccination of Pilgrims.**—The number of Pilgrims who left Bombay for the "Haj" during the year was 5,339. Out of these 4,098 or 76.76 per cent were vaccinated in Bombay before embarkation.

The following table shows the number of males and females and number of primary and revaccinations performed amongst the Pilgrims by the special staff engaged for the work :—

| | Males. | Females. | Total. |
|---|---|---|---|
| Primary Vaccinations .. .. .. | 22 | 20 | 42 |
| Revaccinations .. .. .. .. | 3,042 | 1,014 | 4,056 |
| Total .. | 3,064 | 1,034 | 4,098 |

(11) Vaccine lymph was obtained from the Director, Vaccine Institute, Belgaum and was promptly and regularly supplied by him especially the large supply required for contact vaccinations and special arrangements with the public during December 1937.

(12) Prior to Vaccination the arms of children and adults were regularly cleansed with acetone.

(13) The Dhobi Talao Public Vaccination Station situated at the Sanitary Institute, Princess Street, which was converted into a daily station was kept open both morning and afternoon to meet the needs of the South of the City and large numbers of people visiting it were vaccinated daily both morning and afternoon.

B. R. MASTER, M.B.B.S., B.HY.,
*Acting Superintendent of Vaccination,*
*Bombay.*

# Table No. 1.

## POPULATION BY SECTIONS.

| 1 | | 2 | | | 3 | | |
|---|---|---|---|---|---|---|---|
| | | Population. | | | | | |
| Ward. | Section. | By the Census of 1921. | | | By the Census of 1931. | | |
| | | Males. | Females. | Total. | Males. | Females. | Total. |
| A | Upper Colaba ... ... | 2,813 | 934 | 3,747 | 288 | 148 | 436 |
| | Middle and Lower Colaba ... | 13,758 | 6,290 | 20,048 | 13,628 | 6,326 | 19,954 |
| | Fort, South ... ... ... | 3,469 | 684 | 4,153 | 2,854 | 641 | 3,495 |
| | Fort, North ... ... ... | 19,642 | 11,279 | 30,021 | 16,823 | 9,009 | 25,832 |
| | Esplanade ... ... ... | 11,591 | 3,980 | 15,571 | 9,814 | 4,489 | 14,303 |
| B | Mandvi ... ... ... | 25,789 | 12,823 | 38,612 | 27,050 | 14,656 | 41,706 |
| | Chukla ... ... ... | 16,533 | 6,463 | 22,996 | 12,031 | 6,006 | 18,037 |
| | Umerkhadi ... ... ... | 29,635 | 17,583 | 47,218 | 25,588 | 16,006 | 41,594 |
| | Dongri ... ... ... | 12,596 | 8,153 | 20,749 | 8,101 | 4,927 | 13,028 |
| C | Market ... ... ... | 27,008 | 8,072 | 35,080 | 26,952 | 11,699 | 38,651 |
| | Dhobi Talao ... ... ... | 27,873 | 14,298 | 42,171 | 27,568 | 16,804 | 44,372 |
| | Fanaswadi ... ... ... | 19,732 | 10,373 | 30,105 | 19,722 | 12,355 | 32,077 |
| | Bhuleshwar ... ... ... | 23,744 | 10,878 | 34,622 | 23,097 | 12,009 | 35,106 |
| | Khara Talao ... ... ... | 16,038 | 7,887 | 23,925 | 14,998 | 8,245 | 23,243 |
| | Kumbharwada ... ... | 21,726 | 10,755 | 32,481 | 19,815 | 12,212 | 32,027 |
| D | Khetwadi ... ... ... | 24,481 | 15,134 | 39,615 | 24,350 | 14,957 | 39,307 |
| | Girgaum ... ... ... | 22,333 | 13,670 | 36,003 | 24,369 | 14,417 | 38,786 |
| | Chowpati ... ... ... | 8,870 | 5,390 | 14,260 | 10,091 | 6,106 | 16,197 |
| | Walkeshwar ... ... ... | 11,502 | 6,609 | 18,111 | 14,523 | 8,211 | 22,734 |
| | Mahalakshmi... ... ... | 24,197 | 13,843 | 38,040 | 22,948 | 13,621 | 36,569 |
| E | Mazagon ... ... ... | 23,130 | 13,643 | 36,773 | 28,414 | 14,739 | 43,153 |
| | Tarwadi ... ... ... | 26,724 | 13,993 | 40,717 | 24,678 | 15,660 | 40,338 |
| | 2nd Nagpada... ... ... | 14,583 | 8,520 | 23,103 | 13,338 | 7,694 | 21,032 |
| | Kamathipura... ... ... | 27,369 | 17,216 | 44,585 | 23,488 | 14,083 | 37,571 |
| | Tardeo ... ... ... | 19,650 | 12,336 | 31,986 | 19,200 | 12,548 | 31,748 |
| | Byculla ... ... ... | 58,370 | 32,970 | 91,340 | 59,098 | 32,887 | 91,985 |
| | 1st Nagpada ... ... ... | 5,131 | 2,514 | 7,645 | 4,672 | 2,551 | 7,223 |
| F | Parel ... ... ... | 38,164 | 22,032 | 60,196 | 40,407 | 23,153 | 63,560 |
| | Sewri ... ... ... | 17,126 | 11,519 | 28,645 | 17,376 | 9,380 | 26,756 |
| | Sion ... ... ... | 34,507 | 21,937 | 56,444 | 43,167 | 26,031 | 69,198 |
| G | Mahim ... ... ... | 29,425 | 18,705 | 48,130 | 30,048 | 19,196 | 49,244 |
| | Worli ... ... ... | 78,444 | 41,346 | 119,790 | 73,644 | 40,887 | 114,531 |
| Harbour, Docks, Railways and Unknown .... ... ... ... | | 35,379 | 2,753 | 38,132 | 25,241 | 2,349 | 27,590 |
| | Total ... | 771,332 | 404,582 | 1,175,914 | 747,381 | 414,002 | 1,161,383 |

## Table No. 2.

TABLE showing the Area, Density of Population, the number of Births, the Birth-rate and Deaths under one year per 1,000 Births by Sections in 1937.

| 1 | 2 | 3 | 4 | 5 | | | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTIONS. | Area in Acres. | Average Population per Acre calculated on the Census Population of 1931. | Number of Births registered. | | | Number of Births per 1,000 of Population. | Mean ratio of Births per 1,000 of Population during the preceding 5 years. | Deaths under 1 year per 1,000 Births. |
| | | | | Males. | Females. | Total. | | | |
| A | Upper Colaba | 163 | 3 | 63 | 57 | 120 | 32.2 | 27.0 | 177 |
| | Middle and Lower Colaba | 527 | 38 | 275 | 259 | 534 | | | |
| | Fort, Southern | 133 | 26 | 37 | 30 | 67 | 19.2 | 17.4 | 134 |
| | Fort, Northern | 159 | 162 | 434 | 420 | 854 | 33.1 | 30.1 | 221 |
| | Esplanade | 787 | 18 | 268 | 256 | 524 | 36.6 | 35.6 | 154 |
| B | Mandvi | 187 | 223 | 472 | 400 | 872 | 20.9 | 18.9 | 259 |
| | Chukla | 47 | 383 | 316 | 279 | 595 | 33.0 | 28.5 | 183 |
| | Umarkhadi | 101 | 413 | 761 | 705 | 1,466 | 35.2 | 33.4 | 200 |
| | Dongri | 303 | 43 | 350 | 339 | 689 | 52.9 | 37.0 | 197 |
| C | Market | 85 | 453 | 440 | 408 | 848 | 21.9 | 20.9 | 245 |
| | Dhobi Talao | 208 | 213 | 664 | 680 | 1,344 | 30.3 | 26.7 | 238 |
| | Fanaswadi | 99 | 321 | 528 | 522 | 1,050 | 32.7 | 28.3 | 230 |
| | Bhuleshwar | 73 | 478 | 573 | 472 | 1,045 | 29.8 | 26.1 | 254 |
| | Khara Talao | 41 | 565 | 358 | 331 | 689 | 29.6 | 29.2 | 202 |
| | Kumbharwada | 44 | 727 | 411 | 378 | 789 | 24.6 | 23.8 | 280 |
| D | Khetwadi | 155 | 254 | 717 | 670 | 1,387 | 35.3 | 32.0 | 204 |
| | Girgaum | 112 | 345 | 636 | 651 | 1,287 | 33.2 | 30.8 | 201 |
| | Chowpati | 109 | 149 | 318 | 319 | 637 | 39.3 | 31.5 | 105 |
| | Walkeshwar | 590 | 39 | 270 | 273 | 543 | 23.9 | 22.2 | 190 |
| | Mahalakshmi | 659 | 56 | 527 | 478 | 1,005 | 27.5 | 25.4 | 222 |
| E | Mazagaon | 1,075 | 40 | 595 | 542 | 1,137 | 26.3 | 22.8 | 271 |
| | Tarwadi | 499 | 81 | 774 | 698 | 1,472 | 36.5 | 36.4 | 261 |
| | 2nd Nagpada | 33 | 636 | 235 | 247 | 482 | 22.9 | 22.5 | 228 |
| | Kamathipura | 62 | 602 | 485 | 436 | 921 | 24.5 | 25.7 | 326 |
| | Tardeo | 150 | 212 | 549 | 755 | 1,304 | 41.1 | 31.3 | 166 |
| | Byculla | 568 | 162 | 1,140 | 1,065 | 2,205 | 24.0 | 22.8 | 325 |
| | 1st Nagpada | 29 | 246 | 112 | 116 | 228 | 31.6 | 28.1 | 127 |
| F | Parel | 561 | 113 | 1,156 | 1,019 | 2,175 | 34.2 | 32.2 | 204 |
| | Sewri | 578 | 46 | 396 | 363 | 759 | 28.4 | 26.5 | 331 |
| | Sion | 3,559 | 19 | 1,238 | 1,215 | 2,453 | 35.4 | 33.0 | 295 |
| G | Mahim | 1,511 | 33 | 1,125 | 1,096 | 2,221 | 45.1 | 37.5 | 242 |
| | Worli | 2,273 | 50 | 2,130 | 1,993 | 4,023 | 35.1 | 33.0 | 275 |
| | Harbour, Docks, Railways and Unknown | .... | .... | .... | .... | .... | .... | .... | .... |
| | Total | **15,480** | **75** | **18,349** | **17,106** | **35,455** | **30.5** | **31.6** | **245** |

# Table No. 3.

TABLE of Population and Births by Communities or Castes in 1937.

| Race or Caste. | Population. | | Births. | | | | |
|---|---|---|---|---|---|---|---|
| | | | Registered in 1937. | | | Number per 1,000. | |
| | By the Census of 1921. | By the Census of 1931. | Males. | Females. | Total. | 1937. | 1936. |
| Jains ... ... ... ... | 23,884 | 12,424 | 529 | 447 | 976 | | |
| Brahmins ... ... ... | 72,400 | 75,966 | 1,452 | 1,359 | 2,811 | | |
| Lingaits ... ... ... | 866 | 347 | 129 | 117 | 246 | 36·5 | 29·5 |
| Bhatias ... ... ... | 9,015 | 5,895 | 150 | 130 | 280 | | |
| Banias ... ... ... | 58,824 | 50,822 | 762 | 656 | 1,418 | | |
| Hindus of other Castes ... | 560,951 | 553,580 | 7,438 | 7,046 | 14,484 | | |
| Hindus, Low Caste ... ... | 135,634 | 103,251 | 2,527 | 2,459 | 4,986 | 48·3 | 47·8 |
| Mussalmans ... ... ... | 184,685 | 209,246 | 3,193 | 2,791 | 5,984 | 28·6 | 28·1 |
| Parsees ... ... ... | 52,234 | 57,765 | 509 | 503 | 1,012 | 17·5 | 20·7 |
| Jews ... ... ... ... | 7,548 | 8,621 | 151 | 168 | 319 | 37·0 | 40·5 |
| Indian Christians ... ... | 48,719 | 64,269 | 1,347 | 1,248 | 2,595 | 40·4 | 39·8 |
| Anglo-Indians ... ... | 4,724 | 7,039 | 63 | 77 | 140 | 19·9 | 20·9 |
| Europeans ... ... ... | 14,726 | 9,420 | 66 | 74 | 140 | 14·9 | 16·3 |
| Buddhists ... ... ... | 1,645 | 1,630 | 23 | 22 | 45 | 27·6 | 21·5 |
| Other and Unknown Castes .. | 59 | 1,108 | 10 | 9 | 19 | 17·1 | 5·4 |
| Total . | 1,175,914 | 11,61,383 | 18,349 | 17,106 | 35,455 | 30·5 | 30·9 |

# Table No. 4.

TABLE showing Cases of Infectious Diseases notified from all sources during the year 1937.

| 1 | 2 | 3 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total Number of Cases notified in each Section. | | | | | | | | | | | | | |
| Ward | Sections. | Cholera. | Small-pox. | Plague. | Enteric Fever. | Diphtheria. | Typhus. | Relapsing Fever. | Puerperal Fever. | Tuberculosis. | Leprosy. | Influenzal Pneumonia. | Cerebral Spinal Meningitis. | Scarlet Fever. | Total. |
| A | Upper Colaba | .. | .. | .. | 2 | 4 | .. | .. | .. | 5 | .. | .. | .. | 3 | 14 |
| | Middle and Lower Colaba | .. | 41 | .. | 12 | .. | .. | .. | .. | 21 | .. | 1 | 1 | .. | 76 |
| | Fort, Southern | .. | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 5 |
| | Fort, Northern | .. | 32 | .. | 19 | 4 | .. | .. | .. | 47 | .. | .. | 7 | .. | 109 |
| | Esplanade | .. | 9 | .. | 7 | 1 | .. | .. | 1 | 34 | .. | 4 | 5 | .. | 61 |
| B | Mandvi | 2 | 2 | .. | 9 | 4 | .. | .. | 4 | 50 | .. | 2 | 4 | .. | 77 |
| | Chuckla | .. | 2 | .. | 7 | 1 | .. | .. | 3 | 24 | .. | .. | 2 | .. | 39 |
| | Umarkhadi | .. | 25 | .. | 9 | 11 | .. | .. | 2 | 130 | .. | .. | 9 | .. | 186 |
| | Dongri | .. | 7 | .. | 2 | 1 | .. | .. | .. | 40 | .. | 1 | 3 | .. | 54 |
| C | Market | .. | 8 | .. | 17 | 1 | .. | .. | 1 | 33 | .. | 1 | 12 | .. | 73 |
| | Dhobi Talao | .. | 37 | .. | 17 | 5 | .. | .. | 2 | 70 | .. | 3 | 10 | .. | 144 |
| | Fanaswadi | .. | 42 | .. | 13 | 2 | .. | .. | 2 | 49 | .. | 1 | 4 | .. | 113 |
| | Bhuleshwar | .. | 15 | .. | 25 | 1 | .. | .. | 1 | 96 | .. | .. | 6 | .. | 144 |
| | Khara Talao | .. | 9 | .. | 3 | 4 | .. | .. | .. | 81 | .. | .. | 5 | .. | 102 |
| | Kumbharwada | .. | 23 | .. | 8 | 1 | .. | .. | .. | 66 | .. | .. | 4 | .. | 102 |
| D | Khetwadi | .. | 42 | .. | 25 | 8 | .. | .. | 1 | 95 | .. | 1 | 11 | .. | 183 |
| | Girgaum | .. | 76 | .. | 11 | 3 | .. | .. | 2 | 67 | .. | 2 | 4 | .. | 165 |
| | Chowpati | .. | 18 | .. | 14 | 4 | .. | .. | .. | 21 | .. | 2 | 5 | .. | 64 |
| | Walkeshwar | .. | 4 | .. | 11 | 2 | .. | .. | 1 | 33 | .. | 3 | 3 | .. | 57 |
| | Mahalakshmi | .. | 42 | .. | 15 | 5 | .. | .. | 7 | 70 | .. | .. | 7 | .. | 146 |
| E | Mazagon | .. | 12 | .. | 4 | .. | .. | .. | .. | 100 | .. | 1 | 11 | .. | 128 |
| | Tarwadi | .. | 38 | .. | 9 | 4 | .. | .. | 2 | 285 | .. | .. | 12 | .. | 350 |
| | 2nd Nagpada | .. | 13 | .. | 2 | 1 | .. | .. | .. | 59 | .. | .. | 4 | .. | 79 |
| | Kamathipura | .. | 36 | .. | 3 | .. | .. | .. | .. | 129 | .. | .. | 10 | .. | 178 |
| | Tardeo | .. | 45 | .. | 10 | 1 | .. | .. | 1 | 63 | .. | 1 | 14 | .. | 135 |
| | Byculla | 2 | 190 | .. | 41 | 29 | .. | .. | 4 | 257 | 1 | 1 | 42 | .. | 567 |
| | 1st Nagpada | .. | 3 | .. | 2 | 6 | .. | .. | .. | 12 | .. | .. | 3 | .. | 26 |
| F | Parel | .. | 35 | .. | 61 | 12 | .. | .. | 2 | 85 | 1 | .. | 6 | .. | 202 |
| | Sewri | .. | 31 | .. | 3 | 3 | .. | .. | 1 | 22 | .. | .. | 2 | .. | 62 |
| | Sion | 1 | 150 | .. | 48 | 19 | .. | .. | 2 | 91 | 26 | .. | 6 | .. | 343 |
| G | Mahim | .. | 98 | .. | 95 | 6 | .. | .. | 3 | 64 | .. | 1 | 11 | .. | 278 |
| | Worli | .. | 110 | .. | 50 | 12 | .. | .. | 2 | 144 | .. | .. | 20 | .. | 338 |
| | Harbour, Docks, Railways and Unknown | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Total | 5 | 1,197 | .. | 556 | 155 | .. | .. | 44 | 2,343 | 28 | 25 | 244 | 3 | 4,600 |

## Table No. 5.

TABLE of Cases treated at all the Municipal Dispensaries during 1937.

| Description of Disease or Injury. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | 2 | ... | 1 | 3 | 2 | .. | .. | ... | ... | 1 | 2 | ... | 11 |
| Whooping Cough | .. | 2 | 3 | 5 | 5 | 3 | 3 | 2 | 9 | 9 | 9 | 4 | 54 |
| Dengue | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | .... |
| Influenza | 329 | 126 | 500 | 579 | 748 | 570 | 943 | 999 | 655 | 740 | 647 | 591 | 7,427 |
| Dysentery | 110 | 79 | 138 | 164 | 156 | 164 | 307 | 352 | 234 | 160 | 173 | 163 | 2,200 |
| Diarrhœa | 261 | 167 | 265 | 281 | 291 | 290 | 583 | 670 | 369 | 286 | 283 | 432 | 4,178 |
| Malarial Fever | 72 | 71 | 53 | 60 | 66 | 60 | 93 | 71 | 75 | 121 | 148 | 78 | 968 |
| Fever not defined | 806 | 716 | 995 | 1,084 | 1,447 | 1,113 | 1,506 | 1,914 | 1,423 | 1,626 | 1,473 | 1,012 | 15,115 |
| Bronchitis | 151 | 157 | 163 | 132 | 105 | 71 | 127 | 130 | 103 | 111 | *102 | 95 | 1,447 |
| Pneumonia | 25 | 24 | 44 | 28 | 47 | 43 | 49 | 39 | 48 | 37 | * 22 | 23 | 429 |
| Diseases of the teeth | 278 | 299 | 354 | 346 | 357 | 359 | 279 | 334 | 315 | 344 | 326 | 305 | 3,896 |
| Ophthalmia | 128 | 165 | 185 | 238 | 219 | 260 | 224 | 214 | 249 | 203 | 205 | 169 | 2,459 |
| Corneal Ulcer | 1 | .. | 1 | 3 | 1 | 1 | ... | 2 | 1 | 1 | 1 | 2 | 14 |
| Ringworm | 208 | 196 | 190 | 286 | 343 | 380 | 474 | 447 | 486 | 491 | 377 | 264 | 4,142 |
| Scabies | 722 | 630 | 896 | 676 | 665 | 612 | 724 | 995 | 901 | 810 | 649 | 634 | 8,824 |
| Worms | 354 | 285 | 387 | 500 | 446 | 399 | 548 | 565 | 430 | 414 | 449 | 384 | 5,161 |
| All other Diseases and Injuries | 5,556 | 5,542 | 6,457 | 6,957 | 7,515 | 6,493 | 7,793 | 8,744 | 7,464 | 8,515 | 7,190 | 6,666 | 84,892 |
| Total New Cases | 9,003 | 8,459 | 10,542 | 11,342 | 12,413 | 10,818 | 13,653 | 15,478 | 12,762 | 13,869 | 12,056 | 10,822 | 1,41,217 |

* Including 4,221 cases treated at the Maratha Hospital, Out-door Department, and 11,376 at Dharavi Dispensary (opened on 1-7-1936.)

*Note* :—This Table does not include the number of patients treated at the four Dispensaries for Tuberculosis (*see* page 22) and at those for Women and Children (*see* page 37).

# Table No. 6.

DEATHS from all Causes by Sections and Age-periods in 1937.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | | 15 | 16 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wards. | SECTIONS. | Under 1 year. | 1 to 5 years. | 5 to 10 years. | 10 to 15 years. | 15 to 20 years. | 20 to 30 years. | 30 to 40 years. | 40 to 50 years. | 50 to 60 years. | 60 years and upwards. | Age Unspecified. | Total Deaths. | | | Number of Deaths among Males to 100 Deaths among Females. | Ratio of Deaths per 1,000 of Population. | |
| | | | | | | | | | | | | | Males. | Females | Persons | | 1937. | Mean during the previous 5 years. |
| A | Upper Colaba | 11 | 5 | 2 | 3 | 2 | 5 | 3 | 4 | 4 | 3 | ... | 24 | 18 | 42 | 133 | 21·1 | 17·8 |
| | Middle and Lower Colaba | 105 | 67 | 11 | 4 | 4 | 31 | 36 | 29 | 33 | 69 | ... | 231 | 158 | 389 | 146 | | |
| | Fort, Southern | 9 | 3 | 1 | 1 | 2 | 4 | 6 | 5 | 2 | 5 | ... | 27 | 11 | 38 | 245 | 10·8 | 8·5 |
| | Fort, Northern | 189 | 93 | 19 | 6 | 15 | 47 | 41 | 62 | 42 | 91 | ... | 332 | 273 | 605 | 121 | 23·4 | 21·9 |
| | Esplanade | 81 | 54 | 6 | 4 | 8 | 42 | 35 | 39 | 38 | 53 | ... | 241 | 119 | 360 | 202 | 25·1 | 23·9 |
| B | Mandvi | 226 | 117 | 18 | 12 | 20 | 64 | 57 | 53 | 53 | 84 | ... | 385 | 319 | 704 | 120 | 16·8 | 16·7 |
| | Chukla | 109 | 59 | 5 | 8 | 6 | 32 | 29 | 33 | 27 | 60 | ... | 192 | 176 | 368 | 109 | 20·4 | 20·4 |
| | Umarkhadi | 294 | 202 | 31 | 24 | 38 | 132 | 117 | 88 | 78 | 158 | ... | 627 | 535 | 1,162 | 117 | 27·9 | 26·9 |
| | Dongri | 136 | 102 | 19 | 8 | 6 | 28 | 40 | 22 | 29 | 40 | ... | 220 | 210 | 430 | 104 | 33·0 | 25·4 |
| C | Market | 208 | 117 | 15 | 9 | 22 | 61 | 70 | 50 | 47 | 66 | ... | 375 | 290 | 665 | 129 | 17·2 | 17·3 |
| | Dhobi Talao | 320 | 209 | 27 | 27 | 28 | 75 | 66 | 61 | 62 | 136 | ... | 516 | 495 | 1,011 | 104 | 22·7 | 21·5 |
| | Fanaswadi | 242 | 160 | 33 | 17 | 20 | 68 | 51 | 41 | 43 | 130 | ... | 421 | 384 | 80 | 109 | 25·0 | 20·7 |
| | Bhuleswar | 266 | 150 | 24 | 15 | 27 | 86 | 70 | 74 | 77 | 141 | ... | 537 | 393 | 930 | 136 | 24·4 | 23·8 |
| | Khara Talao | 139 | 70 | 12 | 15 | 14 | 56 | 35 | 48 | 43 | 99 | ... | 282 | 249 | 531 | 113 | 22·8 | 22·4 |
| | Kumbharwada | 221 | 140 | 30 | 21 | 19 | 82 | 71 | 54 | 43 | 102 | ... | 414 | 369 | 783 | 112 | 24·4 | 23·0 |
| D | Khetwadi | 283 | 129 | 30 | 14 | 28 | 93 | 78 | 77 | 68 | 144 | ... | 493 | 451 | 944 | 109 | 24·0 | 22·7 |
| | Girgaum | 259 | 204 | 31 | 16 | 30 | 79 | 43 | 51 | 65 | 114 | ... | 479 | 413 | 892 | 116 | 22·9 | 20·3 |
| | Chowpati | 67 | 33 | 14 | 6 | 10 | 37 | 35 | 21 | 29 | 48 | .. | 176 | 124 | 300 | 142 | 18·5 | 18·7 |
| | Walkeshwar | 103 | 35 | 12 | 9 | 10 | 35 | 32 | 30 | 33 | 73 | ... | 223 | 149 | 372 | 149 | 16·3 | 12·9 |
| | Mahalakshmi | 223 | 154 | 22 | 15 | 21 | 84 | 72 | 44 | 60 | 180 | ... | 465 | 410 | 875 | 113 | 23·9 | 20·8 |
| E | Mazagon | 308 | 191 | 41 | 23 | 14 | 92 | 87 | 52 | 39 | 124 | .. | 541 | 430 | 971 | 126 | 22·5 | 20·3 |
| | Tarwadi | 385 | 262 | 46 | 11 | 23 | 132 | 131 | 133 | 76 | 171 | ... | 764 | 606 | 1,370 | 126 | 33·9 | 28·8 |
| | 2nd Nagpada | 110 | 67 | 15 | .. | 22 | 66 | 50 | 53 | 28 | 84 | ... | 245 | 250 | 495 | 98 | 23·5 | 22·8 |
| | Kamathipura | 300 | 202 | 43 | 16 | 42 | 138 | 119 | 94 | 67 | 155 | ... | 607 | 569 | 1,176 | 107 | 31·3 | 28·8 |
| | Tardeo | 217 | 173 | 25 | 11 | 14 | 103 | 66 | 75 | 46 | 129 | ... | 445 | 414 | 859 | 108 | 27 0 | 26·1 |
| | Byculla | 717 | 486 | 107 | 31 | 79 | 327 | 250 | 198 | 116 | 294 | ... | 1,376 | 1,229 | 2,605 | 112 | 28·3 | 25·7 |
| | 1st Nagpada | 29 | 13 | 6 | 3 | 5 | 10 | 14 | 11 | 8 | 16 | .. | 65 | 50 | 115 | 130 | 15·9 | 19·5 |
| F | Parel | 443 | 301 | 55 | 27 | 42 | 183 | 160 | 129 | 112 | 206 | .. | 904 | 754 | 1,658 | 119 | 26·0 | 23·5 |
| | Sewri | 251 | 171 | 43 | 7 | 9 | 76 | 90 | 46 | 49 | 91 | . | 431 | 402 | 833 | 107 | 30·1 | 27·1 |
| | Sion | 725 | 520 | 88 | 39 | 48 | 254 | 228 | 151 | 150 | 302 | .. | 1,301 | 1,204 | 2,505 | 108 | 36·2 | 28·1 |
| G | Mahim | 537 | 348 | 63 | 45 | 54 | 159 | 141 | 108 | 80 | 233 | ... | 909 | 859 | 1,768 | 106 | 35·9 | 28·1 |
| | Worli | 1,105 | 878 | 127 | 49 | 83 | 387 | 306 | 197 | 196 | 394 | ... | 19,14 | 1,808 | 3,722 | 106 | 32·4 | 27·3 |
| | Harbour, Docks, Railways and Unknown | 70 | 25 | 8 | 13 | 21 | 88 | 104 | 72 | 52 | 32 | .. | 332 | 153 | 485 | 217 | 17·5 | 17·1 |
| | Total | 8,688 | 5,740 | 1,029 | 509 | 786 | 3,156 | 2,733 | 2,205 | 1,895 | 4,027 | .. | 16,494 | 14,274 | 30,768 | 115 | 26·5 | 23·5 |

# Table No. 7.

DEATHS by Caste a d Age in the year 1937.

| CASTE. | Under 7 days. | | 1 to 4 weeks. | | 4 weeks to 6 months. | | 6 to 12 months. | | 1 to 2 years. | | 2 to 5 years. | | 5 to 10 years. | | 10 to 15 years. | | 15 to 20 years. | | 20 to 30 years. | | 30 to 40 years. | | 40 to 50 years. | | 50 to 60 years. | | 60 years and over. | | Age unspecified. | | All Ages. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Males. | Females. | Persons. |
| Jains ... ... ... | 20 | 14 | 16 | 9 | 23 | 19 | 43 | 32 | 30 | 33 | 13 | 21 | 9 | 6 | 8 | 4 | 5 | 13 | 28 | 43 | 29 | 21 | 30 | 9 | 29 | 6 | 33 | 32 | .. | .. | 316 | 262 | 578 |
| Brahmins ... ... | 65 | 35 | 40 | 36 | 73 | 75 | 133 | 129 | 91 | 98 | 71 | 74 | 29 | 50 | 17 | 22 | 21 | 24 | 99 | 113 | 93 | 60 | 75 | 35 | 87 | 39 | 144 | 100 | .. | .. | 1,038 | 890 | 1,928 |
| Lingayats ... .. | 21 | 14 | 11 | 11 | 23 | 17 | 21 | 19 | 23 | 31 | 17 | 29 | 8 | 15 | 2 | 5 | .. | 5 | 17 | 18 | 16 | 13 | 12 | 3 | 10 | 4 | 17 | 14 | .. | .. | 198 | 198 | 396 |
| Bhatias ... ... ... | 4 | 8 | 1 | .. | 8 | 3 | 5 | 4 | 13 | 6 | 4 | 5 | 1 | 5 | .. | 1 | 4 | 3 | 4 | 10 | 8 | 10 | 4 | 4 | 8 | 4 | 30 | 19 | .. | .. | 94 | 82 | 176 |
| Banias ... ... ... | 44 | 16 | 30 | 20 | 35 | 39 | 77 | 80 | 57 | 64 | 27 | 31 | 16 | 7 | 8 | 8 | 9 | 24 | 28 | 52 | 32 | 31 | 45 | 10 | 44 | 14 | 54 | 37 | .. | .. | 506 | 433 | 939 |
| Hindoos (Other Castes). | 507 | 373 | 349 | 298 | 504 | 478 | 706 | 660 | 695 | 733 | 537 | 559 | 222 | 268 | 121 | 128 | 166 | 193 | 798 | 696 | 831 | 528 | 731 | 255 | 544 | 296 | 808 | 792 | .. | .. | 7,519 | 6,257 | 13,776 |
| Hindoos (Low Castes).. | 154 | 114 | 111 | 84 | 236 | 199 | 303 | 312 | 350 | 398 | 346 | 343 | 84 | 97 | 18 | 20 | 27 | 50 | 140 | 206 | 146 | 141 | 127 | 84 | 92 | 78 | 171 | 243 | .. | .. | 2,305 | 2,369 | 4,674 |
| Mussalmans ... .. | 156 | 113 | 104 | 87 | 211 | 178 | 210 | 197 | 199 | 187 | 188 | 185 | 80 | 84 | 30 | 57 | 55 | 125 | 298 | 401 | 317 | 243 | 378 | 142 | 272 | 109 | 510 | 347 | .. | .. | 3,014 | 2,455 | 5,469 |
| Parsees ... ... ... | 15 | 17 | 10 | 6 | 14 | 11 | 21 | 14 | 15 | 16 | 14 | 6 | 3 | 9 | 14 | 3 | 9 | 3 | 20 | 18 | 21 | 19 | 53 | 32 | 67 | 39 | 199 | 199 | .. | .. | 475 | 392 | 867 |
| Jews ... ... ... | 4 | 2 | 3 | 3 | 9 | 3 | 9 | 4 | 13 | 6 | 6 | 4 | 4 | 3 | 3 | 3 | 2 | 1 | .. | 7 | 2 | 7 | 9 | 12 | 8 | 4 | 15 | 24 | .. | .. | 87 | 83 | 170 |
| Indian Christians ... | 71 | 48 | 62 | 53 | 91 | 111 | 60 | 63 | 47 | 46 | 44 | 47 | 12 | 14 | 17 | 19 | 21 | 21 | 57 | 85 | 73 | 61 | 83 | 41 | 69 | 41 | 87 | 87 | .. | .. | 794 | 737 | 1,531 |
| Anglo-Indians ... .. | .. | 4 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | .. | 3 | .. | 1 | 1 | 2 | 2 | 4 | 6 | 8 | 12 | 6 | 7 | 6 | 10 | 13 | .. | .. | 50 | 60 | 110 |
| Europeans ... .. | 1 | 3 | .. | .. | .. | 2 | 1 | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | 2 | .. | 6 | 1 | 6 | 3 | 10 | 1 | 10 | 4 | 13 | 16 | .. | .. | 51 | 32 | 83 |
| Negro-Africans ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Buddhists ... .. | 1 | 1 | 1 | 3 | 4 | .. | 3 | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 5 | .. | 6 | 1 | 2 | .. | 2 | 2 | 6 | 1 | .. | .. | 32 | 10 | 42 |
| Other and Unknown Castes. | 12 | 13 | .. | 1 | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 14 | 29 |
| Total { Male ... | 1,075 | | 740 | | 1,234 | | 1,595 | | 1,539 | | 1,271 | | 468 | | 238 | | 322 | | 1,502 | | 1,587 | | 1,571 | | 1,249 | | 2,103 | | .. | .. | 16,494 | | 30,768 |
| Female ... | | 775 | | 614 | | 1,137 | | 1,518 | | 1,622 | | 1,308 | | 561 | | 271 | | 464 | | 1,654 | | 1,146 | | 634 | | 646 | | 1,924 | | .. | | 14,274 | |

## Table No. 8.

The deaths by Age and Month in 1937.

| | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 7 days .. .. .. .. | 177 | 125 | 120 | 117 | 119 | 124 | 145 | 179 | 182 | 207 | 166 | 189 | 1,850 |
| 1 to 4 weeks .. .. .. .. .. | 122 | 110 | 99 | 94 | 102 | 93 | 109 | 130 | 101 | 135 | 119 | 140 | 1,354 |
| 4 weeks to 6 months.. .. .. .. | 188 | 158 | 220 | 201 | 206 | 171 | 261 | 253 | 173 | 172 | 145 | 223 | 2,371 |
| 6 months to 12 months .. .. .. | 164 | 174 | 231 | 285 | 318 | 307 | 404 | 382 | 208 | 206 | 228 | 206 | 3,113 |
| 1 to 2 years .. .. .. .. .. | 214 | 197 | 248 | 266 | 286 | 249 | 287 | 351 | 250 | 229 | 263 | 321 | 3,161 |
| 2 to 5 ,, .. .. .. .. .. | 206 | 170 | 216 | 231 | 223 | 209 | 216 | 241 | 220 | 209 | 199 | 239 | 2,579 |
| 5 to 10 ,, .. .. .. .. .. | 90 | 73 | 66 | 86 | 103 | 85 | 74 | 87 | 77 | 85 | 88 | 115 | 1,029 |
| 10 to 15 ,, .. .. .. .. .. | 35 | 43 | 40 | 39 | 38 | 41 | 56 | 36 | 44 | 38 | 46 | 53 | 509 |
| 15 to 20 ,, .. .. .. .. .. | 45 | 55 | 61 | 66 | 78 | 69 | 76 | 57 | 79 | 60 | 69 | 71 | 786 |
| 20 to 30 ,, .. .. .. .. .. | 277 | 231 | 239 | 259 | 293 | 228 | 243 | 274 | 270 | 280 | 244 | 318 | 3,156 |
| 30 to 40 ,, .. .. .. .. .. | 259 | 212 | 228 | 214 | 208 | 215 | 197 | 214 | 220 | 239 | 253 | 274 | 2,733 |
| 40 to 50 ,, .. .. .. .. .. | 217 | 192 | 190 | 194 | 183 | 176 | 147 | 181 | 171 | 180 | 169 | 205 | 2,205 |
| 50 to 60 ,, .. .. .. .. .. | 177 | 149 | 136 | 157 | 168 | 143 | 151 | 154 | 153 | 173 | 152 | 182 | 1,895 |
| 60 and over .. .. .. .. .. | 389 | 306 | 346 | 316 | 314 | 274 | 327 | 328 | 297 | 361 | 347 | 422 | 4,027 |
| Ages Unspecified .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Total .. | 2,560 | 2,195 | 2,440 | 2,525 | 2,639 | 2,384 | 2,693 | 2,867 | 2,445 | 2,574 | 2,488 | 2,958 | 30,768 |

# Table No. 9.

TABLE OF DEATHS by Sections and Months in 1937.

| Wards. | SECTIONS. | MONTHS. January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | Upper Colaba .. .. .. | 4 | 1 | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 7 | 9 | 3 | 42 |
| | Middle and Lower Colaba .. | 27 | 25 | 23 | 32 | 37 | 32 | 37 | 31 | 30 | 33 | 32 | 50 | 389 |
| | Fort, Southern .. .. | 5 | 3 | 4 | 3 | 2 | 2 | 2 | 5 | 2 | 4 | 1 | 5 | 38 |
| | Fort, Northern .. .. | 51 | 36 | 47 | 48 | 50 | 64 | 55 | 37 | 54 | 45 | 57 | 61 | 605 |
| | Esplanade .. .. .. | 31 | 23 | 24 | 38 | 33 | 23 | 26 | 30 | 35 | 30 | 34 | 33 | 360 |
| B | Mandvi .. .. .. | 49 | 52 | 67 | 70 | 58 | 55 | 67 | 55 | 47 | 65 | 55 | 74 | 704 |
| | Chukla .. .. .. .. | 25 | 33 | 27 | 32 | 25 | 30 | 39 | 32 | 25 | 34 | 33 | 33 | 368 |
| | Umarkhadi .. .. .. | 89 | 100 | 109 | 97 | 88 | 87 | 107 | 101 | 83 | 96 | 97 | 108 | 1,162 |
| | Dongri .. .. .. .. | 26 | 39 | 35 | 32 | 38 | 36 | 33 | 35 | 38 | 33 | 32 | 53 | 430 |
| C | Market .. .. .. .. | 57 | 45 | 51 | 56 | 65 | 40 | 58 | 51 | 60 | 49 | 68 | 65 | 665 |
| | Dhobi Talao .. .. .. | 74 | 68 | 89 | 76 | 78 | 84 | 105 | 100 | 69 | 92 | 76 | 100 | 1,011 |
| | Fanaswadi .. .. .. | 74 | 54 | 65 | 72 | 64 | 68 | 67 | 60 | 52 | 56 | 81 | 92 | 805 |
| | Bhuleshwar .. .. .. | 68 | 59 | 74 | 85 | 80 | 63 | 95 | 86 | 76 | 70 | 89 | 85 | 930 |
| | Khara Talao .. .. .. | 39 | 37 | 39 | 53 | 50 | 59 | 41 | 44 | 38 | 43 | 37 | 51 | 531 |
| | Kumbharwada.. .. .. | 67 | 57 | 58 | 66 | 60 | 60 | 68 | 67 | 67 | 81 | 72 | 60 | 783 |
| D | Khetwadi .. .. .. | 85 | 70 | 72 | 72 | 63 | 70 | 80 | 110 | 76 | 71 | 83 | 87 | 944 |
| | Girgaum .. .. .. | 48 | 65 | 80 | 67 | 79 | 57 | 61 | 76 | 68 | 74 | 86 | 131 | 892 |
| | Chowpati .. .. .. | 21 | 29 | 26 | 32 | 21 | 27 | 25 | 28 | 22 | 26 | 21 | 22 | 300 |
| | Walkeshwar .. .. .. | 33 | 27 | 37 | 22 | 30 | 26 | 27 | 32 | 33 | 29 | 31 | 45 | 372 |
| | Mahalakshmi .. .. .. | 77 | 66 | 57 | 68 | 81 | 66 | 83 | 67 | 62 | 82 | 82 | 84 | 875 |
| E | Mazagon .. .. .. | 89 | 54 | 89 | 78 | 78 | 71 | 83 | 102 | 96 | 82 | 70 | 79 | 971 |
| | Tarwadi .. .. .. | 129 | 106 | 105 | 103 | 118 | 96 | 120 | 132 | 102 | 121 | 116 | 122 | 1,370 |
| | Second Nagpada .. .. | 40 | 31 | 53 | 32 | 45 | 32 | 44 | 46 | 30 | 43 | 43 | 56 | 495 |
| | Kamathipura .. .. .. | 112 | 79 | 91 | 98 | 110 | 89 | 86 | 99 | 79 | 100 | 105 | 128 | 1,176 |
| | Tardeo .. .. .. .. | 72 | 61 | 61 | 75 | 79 | 61 | 73 | 75 | 68 | 65 | 66 | 103 | 859 |
| | Byculla .. .. .. | 253 | 156 | 209 | 243 | 249 | 216 | 228 | 243 | 208 | 217 | 164 | 219 | 2,605 |
| | First Nagpada .. .. | 4 | 10 | 5 | 12 | 30 | 10 | 8 | 10 | 12 | 16 | 5 | 13 | 115 |
| F | Parel .. .. .. .. | 152 | 121 | 132 | 142 | 134 | 119 | 141 | 138 | 131 | 166 | 120 | 162 | 1,658 |
| | Sewri .. .. .. .. | 79 | 68 | 58 | 70 | 82 | 66 | 54 | 87 | 71 | 72 | 56 | 70 | 833 |
| | Sion .. .. .. .. | 213 | 194 | 203 | 192 | 229 | 191 | 231 | 262 | 201 | 186 | 176 | 227 | 2,505 |
| G | Mahim .. .. .. .. | 121 | 119 | 148 | 134 | 148 | 157 | 175 | 191 | 142 | 137 | 141 | 155 | 1,768 |
| | Worli .. .. .. .. | 302 | 279 | 269 | 281 | 303 | 293 | 341 | 385 | 328 | 299 | 299 | 343 | 3,722 |
| | Harbour, Docks, Railways and Unknown .. .. .. | 44 | 38 | 30 | 41 | 50 | 26 | 30 | 47 | 39 | 50 | 51 | 39 | 485 |
| | Total .. | 2,560 | 2,195 | 2,440 | 2,525 | 2,639 | 2,384 | 2,693 | 2,867 | 2,445 | 2,574 | 2,488 | 2,052 | 30,768 |

# Table

TABLE of DEATHS by Causes

| Wards. | SECTIONS. | Classification Number* 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Typhoid and Para Typhoid Fever (1-2). | Measles (7). | Scarlet Fever (8). | Whooping Cough (9). | Diphtheria (10). | Influenza (11). | Encephalitis Lethargica (17). | Cerebro-Spinal Fever (18). | Tuberculosis of Respiratory System (23). | Other Tuberculous Diseases (24-32). | Syphilis (34). | General Paralysis of the Insane, Tabes dorsalis (80, 83). | Cancer, Malignant Diseases (45-53). | Diabetes (59). | Cerebral Hæmorrhage, etc. (82). | Heart Disease (90-95). | Aneurysm (96). | Other Circulatory Diseases (97-103). | Bronchitis (106). | Pneumonia (all forms) (107-109). | Other Respiratory Diseases (104,105,110-114). | Peptic Ulcer (117). | Diarrhœa and Enteritis (119, 120). |
| A | Upper Colaba ... | ... | 1 | .. | ... | 1 | ... | ... | ... | 4 | ... | ... | ... | 3 | 1 | 1 | ... | ... | ... | 1 | 11 | 3 | ... | 1 |
| | Middle and Lower Colaba. | 5 | 2 | .. | 1 | .. | 2 | ... | 1 | 14 | 2 | ... | ... | 9 | 4 | 7 | 5 | 2 | 1 | 6 | 95 | 15 | ... | 11 |
| | Fort, Southern ... | ... | ... | .. | .. | ... | 1 | ... | ... | 1 | ... | ... | .. | 3 | .. | 1 | ... | . | ... | .. | 8 | ... | ... | 1 |
| | Fort, Northern ... | 9 | 10 | ... | ... | .. | 6 | ... | 6 | 33 | 7 | 1 | ... | 13 | 2 | 11 | 14 | ... | 1 | 1 | 153 | 27 | 2 | 23 |
| | Esplanade ... | 3 | 3 | .. | .. | .. | 2 | 1 | 2 | 21 | 5 | 1 | ... | 11 | 2 | 3 | 6 | ... | 3 | 3 | 92 | 17 | . | 7 |
| B | Mandvi ... ... | 9 | .. | .. | ... | 3 | ... | ... | 3 | 38 | 12 | 1 | ... | 15 | 2 | 9 | 8 | ... | 3 | 9 | 257 | 27 | 2 | 23 |
| | Chukla ... ... | 6 | 1 | .. | .. | .. | 2 | ... | ... | 18 | 7 | 1 | ... | 4 | 1 | 4 | 7 | .. | 1 | 7 | 107 | 19 | 1 | 20 |
| | Umarkhadi ... | 8 | 2 | .. | 1 | 4 | 1 | 1 | 7 | 113 | 14 | 3 | ... | 14 | 3 | 13 | 10 | 3 | 2 | 17 | 274 | 102 | 2 | 32 |
| | Dongri ... ... | 2 | 2 | .. | ... | 1 | 1 | ... | 2 | 22 | 7 | ... | ... | 8 | 5 | 3 | 3 | ... | ... | 7 | 138 | 25 | ... | 24 |
| C | Market ... ... | 14 | 1 | .. | ... | 1 | 3 | 1 | 4 | 29 | 14 | 1 | ... | 8 | ... | 5 | 13 | 3 | 2 | 7 | 233 | 21 | 1 | 18 |
| | Dhobi Talao .. | 11 | 17 | .. | 1 | 1 | 4 | 2 | 7 | 56 | 5 | 2 | ... | 10 | 6 | 25 | 20 | 2 | 1 | 10 | 340 | 25 | 2 | 45 |
| | Fanaswadi ... | 7 | 11 | .. | ... | 2 | 3 | ... | 2 | 38 | 8 | 2 | ... | 10 | 6 | 20 | 11 | ... | 2 | 12 | 229 | 21 | 2 | 34 |
| | Bhuleshwar ... | 18 | 4 | .. | ... | 1 | . | ... | 3 | 80 | 6 | ... | ... | 16 | 2 | 9 | 6 | 1 | 3 | 56 | 238 | 32 | ... | 23 |
| | Khara Talao ... | 3 | .. | .. | .. | 1 | ... | ... | 3 | 66 | 5 | 2 | ... | 3 | 4 | 9 | 4 | ... | 1 | 17 | 155 | 42 | 3 | 5 |
| | Kumbharwada ... | 7 | 4 | .. | ... | 1 | ... | .. | 1 | 59 | 9 | ... | ... | 3 | 1 | 7 | 3 | ... | 1 | 34 | 290 | 54 | ... | 10 |
| D | Khetwadi .. .. | 23 | 11 | .. | ... | 3 | 8 | 1 | 7 | 80 | 12 | 1 | ... | 14 | 11 | 14 | 20 | 1 | 3 | 18 | 230 | 24 | 1 | 39 |
| | Girgaum .. .. | 8 | 27 | .. | 1 | 1 | 5 | 2 | 1 | 51 | 11 | 1 | ... | 11 | 5 | 17 | 18 | ... | 4 | 15 | 217 | 9 | .. | 25 |
| | Chowpati .. .. | 9 | 2 | .. | 1 | 2 | 2 | 1 | .. | 19 | 4 | ... | ... | 8 | ... | 7 | 9 | ... | 5 | 2 | 79 | 13 | 1 | 3 |
| | Walkeshwar ... | 7 | 2 | .. | 1 | .. | 4 | ... | 3 | 25 | 7 | 1 | .. | 9 | 6 | 11 | 20 | .. | ... | 8 | 52 | 23 | .. | 13 |
| | Mahalakshmi ... | 9 | 12 | .. | ... | . | 3 | ... | 4 | 56 | 7 | 1 | ... | 9 | 9 | 15 | 26 | .. | 8 | 40 | 179 | 44 | 1 | 26 |
| E | Mazagon .. ... | 5 | 6 | .. | ... | ... | 3 | ... | 6 | 85 | 5 | ... | ... | 6 | . | 5 | 2 | 2 | 1 | 31 | 351 | 23 | 2 | 40 |
| | Tarwadi .. ... | 6 | 10 | .. | ... | 1 | 1 | 1 | 9 | 137 | 4 | 1 | ... | 5 | 6 | 10 | 12 | 1 | 4 | 17 | 489 | 53 | ... | 35 |
| | 2nd Nagpada ... | 2 | 1 | .. | ... | ... | .. | ... | 3 | 44 | 5 | 1 | ... | 4 | 2 | 7 | 5 | . | 1 | 2 | 150 | 65 | ... | 3 |
| | Kamathipura ... | 3 | 5 | .. | . | .. | 1 | ... | 7 | 121 | 9 | ... | ... | 10 | ... | 7 | 11 | ... | 1 | 35 | 343 | 104 | ... | 27 |
| | Tardeo ... ... | 9 | 10 | .. | ... | ... | 1 | ... | 10 | 48 | 3 | 2 | ... | 8 | 5 | 9 | 15 | ... | 4 | 34 | 260 | 34 | ... | 45 |
| | Byculla ... ... | 17 | 12 | .. | .. | 5 | 1 | 1 | 27 | 192 | 23 | 3 | ... | 16 | 1 | 17 | 17 | 1 | 4 | 115 | 740 | 148 | 1 | 82 |
| | 1st Nagpada | 2 | 1 | .. | ... | 1 | ... | ... | 2 | 7 | 2 | ... | .. | 2 | .. | 4 | 2 | ... | ... | 1 | 30 | 7 | ... | 4 |
| F | Parel ... ... | 29 | 1 | .. | 1 | 7 | 2 | ... | 4 | 43 | 7 | 4 | ... | 17 | 3 | 8 | 13 | 1 | 5 | 10 | 467 | 80 | ... | 62 |
| | Sewri ... ... | 2 | 2 | .. | ... | 1 | .. | ... | 2 | 18 | 2 | 2 | ... | 3 | 1 | 3 | 4 | 1 | 1 | 1 | 278 | 44 | .. | 20 |
| | Sion ... .. | 22 | 6 | .. | ... | 6 | 3 | ... | 6 | 64 | 18 | 4 | ... | 11 | 9 | 15 | 19 | 2 | 6 | 54 | 639 | 73 | 1 | 217 |
| G | Mahim ... ... | 42 | 7 | .. | 1 | 3 | 7 | ... | 10 | 39 | 15 | ... | ... | 10 | 7 | 22 | 8 | .. | 3 | 10 | 581 | 79 | ... | 59 |
| | Worli ... ... | 27 | 38 | .. | ... | 5 | 1 | ... | 12 | 91 | 19 | 3 | ... | 8 | 6 | 20 | 13 | 1 | 6 | 113 | 1,428 | 113 | 1 | 118 |
| | Harbour, Docks, Railways and Unknown. | 20 | .. | .. | ... | 4 | 1 | ... | 2 | 56 | 15 | .. | ... | 12 | 5 | 10 | 4 | .. | 7 | 4 | 41 | 4 | 2 | 19 |
| | TOTAL .. | 344 | 211 | .. | 8 | 55 | 68 | 11 | 156 | 1,768 | 269 | 38 | ... | 293 | 115 | 328 | 328 | 21 | 84 | 697 | 9,174 | 1,370 | 25 | 1,114 |

* The Classification Numbers are the same and have the same application as those used in the Short List of causes of death

## No. 10.

and Sections in 1937.

| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | | | | | | | | | | 36 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | OTHER DEFINED DISEASES. | | | | | | | | | | | | | | |
| Appendicitis (121). | Cirrhosis of Liver (124). | Other Diseases of Liver, etc. (125-127). | Other Digestive Diseases (115, 116, 118, 122, 123, 128, 129). | Acute and Chronic Nephritis (130-132). | Puerperal Sepsis (140, 145). | Other Puerperal Sepsis (141-144, 146-150). | Congenital Debility Premature Birth, Malformations, etc. (157-161). | Senility (162). | Suicide (163 171). | Other Violence (172-198). | A Small-pox (6). | B Plague (14). | C Kala-Azar (39A) | D Malaria (38A) | E Ague and Remittent Fever (38B). | F Relapsing Fever (4). | G Fever not defined (200: 2a) | H Cholera (12). | J Dysentery (13) | K Leprosy (33). | L Other Defined Diseases. | | Causes ill-defined or unknown (199-200) | Still-born. | TOTAL. |
| ... | ... | ... | ... | 3 | .. | 1 | 5 | ... | .. | 1 | ... | ... | ... | 1 | ... | | 1 | .. | 1 | ... | 2 | | ... | 3 | 42 |
| 3 | 3 | ... | 6 | 8 | .. | ... | 44 | 30 | 1 | 13 | 16 | .. | ... | 4 | 4 | ... | 3 | ... | 9 | ... | 45 | | 18 | 24 | 389 |
| 1 | ... | ... | 3 | 2 | ... | ... | 4 | 1 | 1 | 1 | 1 | ... | .. | .. | .. | ... | 1 | .. | ... | | 6 | | 2 | 1 | 38 |
| 1 | 7 | 4 | 6 | 8 | .. | 1 | 71 | 44 | 3 | 13 | 10 | .. | | 1 | 2 | ... | 19 | ... | 16 | | 60 | | 20 | 47 | 605 |
| 2 | 4 | 2 | 5 | 11 | ... | 2 | 45 | 16 | 4 | 13 | 2 | .. | .. | 1 | 2 | ... | 3 | .. | 8 | ... | 40 | | 18 | 31 | 360 |
| 1 | 1 | 2 | 8 | 4 | 6 | 2 | 61 | 53 | 4 | 16 | 1 | .. | .. | 2 | 8 | | 3 | 2 | 10 | .. | 89 | | 10 | 51 | 704 |
| 1 | 2 | 2 | 4 | 2 | 1 | 2 | 43 | 41 | 2 | 9 | .. | ... | ... | 2 | 1 | ... | 2 | .. | 2 | ... | 39 | | 7 | 32 | 368 |
| 2 | 4 | 4 | 7 | 10 | 2 | 5 | 100 | 66 | 1 | 22 | 11 | ... | ... | 1 | 41 | ... | 4 | .. | 13 | .. | 206 | | 37 | 91 | 1,162 |
| 1 | ... | 2 | 7 | 5 | ... | 2 | 42 | 22 | 2 | 7 | 4 | .. | .. | .. | 14 | ... | ... | .. | 9 | .. | 53 | | 10 | 36 | 430 |
| 1 | 3 | 5 | 4 | 7 | 2 | 3 | 60 | 30 | 7 | 22 | 2 | ... | ... | .. | 4 | ... | 5 | .. | 5 | ... | 103 | | 23 | 50 | 665 |
| 2 | 1 | 5 | 5 | 21 | 2 | 6 | 101 | 56 | 3 | 25 | 23 | ... | .. | 4 | 4 | ... | 5 | .. | 12 | ... | 23 | | 21 | 75 | 1,011 |
| 1 | 6 | 4 | 8 | 11 | 2 | 2 | 72 | 58 | 4 | 18 | 30 | ... | . | 2 | 11 | .. | 4 | .. | 13 | . | 126 | | 13 | 53 | 805 |
| 1 | 11 | 2 | 3 | 2 | 1 | 3 | 80 | 77 | 5 | 15 | 8 | . | ... | 2 | 58 | ... | 5 | ... | 10 | . | 128 | | 21 | 85 | 930 |
| ... | 1 | ... | 2 | 2 | ... | 4 | 51 | 36 | 1 | 9 | 3 | . | | 3 | 19 | ... | 1 | .. | 4 | | 62 | | 0 | 39 | 531 |
| ... | 2 | 3 | 3 | ... | 1 | 2 | 68 | 21 | 3 | 10 | 15 | .. | ... | .. | 18 | ... | 1 | .. | 4 | .. | 130 | | 18 | 42 | 783 |
| 3 | 2 | 8 | 21 | 12 | 1 | 2 | 112 | 52 | 6 | 21 | 22 | ... | .. | 4 | 9 | ... | 9 | ... | 16 | ... | 101 | | 22 | 89 | 944 |
| 4 | 8 | 10 | 7 | 10 | 2 | 2 | 84 | 55 | 1 | 19 | 60 | .. | .. | 4 | 27 | ... | 9 | .. | 21 | .. | 109 | | 31 | 94 | 892 |
| 1 | 1 | 2 | 4 | 4 | ... | 3 | 21 | 17 | 1 | 5 | 5 | .. | .. | 1 | 7 | ... | 5 | .. | 7 | .. | 34 | | 15 | 38 | 300 |
| ... | 2 | 1 | 8 | 7 | 1 | 2 | 53 | 22 | 3 | 13 | 1 | ... | .. | 3 | 4 | ... | 2 | .. | 3 | .. | 37 | | 18 | 34 | 372 |
| 7 | 2 | 10 | 8 | 19 | 8 | 6 | 112 | 61 | ... | 21 | 26 | .. | ... | 2 | 17 | ... | 4 | .. | 5 | .. | 91 | | 27 | 101 | 875 |
| 1 | 2 | 1 | 3 | 2 | ... | 5 | 138 | 66 | 3 | 24 | 7 | . | ... | . | 19 | ... | 1 | .. | 10 | ... | 88 | | 28 | 77 | 971 |
| 1 | 6 | 6 | 3 | 10 | 2 | 3 | 162 | 107 | 5 | 36 | 17 | ... | .. | 3 | 59 | ... | 2 | .. | 28 | .. | 87 | | 31 | 91 | 1,370 |
| 1 | 2 | 2 | 1 | 2 | ... | 1 | 41 | 42 | 2 | 6 | 4 | ... | . | .. | 44 | ... | 1 | .. | 8 | .. | 34 | | 9 | 33 | 495 |
| ... | 1 | 1 | 3 | 6 | .. | 1 | 141 | 82 | ... | 26 | 23 | ... | ... | 2 | 77 | ... | 7 | .. | 20 | ... | 88 | | 14 | 52 | 1,176 |
| 1 | 1 | .. | 4 | 13 | 2 | 1 | 87 | 56 | 2 | 17 | 24 | ... | ... | ... | 14 | ... | 3 | .. | 9 | . | 91 | | 37 | 46 | 859 |
| 1 | 8 | 2 | 13 | 14 | 3 | 15 | 362 | 161 | 8 | 47 | 86 | ... | . | 4 | 99 | | 4 | 2 | 44 | .. | 264 | | 45 | 155 | 2,605 |
| ... | 1 | ... | 3 | 1 | ... | .. | 10 | 8 | ... | 4 | 1 | .. | ... | 1 | 8 | ... | 1 | .. | 2 | ... | 9 | | 1 | 10 | 115 |
| 2 | 5 | 4 | 5 | 11 | 2 | 7 | 199 | 144 | 10 | 22 | 20 | .. | ... | 3 | 214 | ... | 9 | .. | 23 | .. | 170 | | 39 | 146 | 1,658 |
| ... | 2 | ... | 3 | 3 | 1 | 2 | 104 | 65 | 3 | 19 | 27 | .. | | 3 | 117 | ... | 3 | .. | 9 | ... | 80 | | 7 | 51 | 833 |
| 5 | 9 | 10 | 14 | 18 | 2 | 10 | 262 | 207 | 9 | 56 | 100 | .. | | 6 | 204 | . . | 49 | ... | 72 | 28 | 214 | | 55 | 161 | 2,505 |
| .. | 6 | 7 | 12 | 13 | 2 | 5 | 236 | 178 | 2 | 35 | 55 | ... | ... | 1 | 10 | .. | 16 | ... | 44 | ... | 206 | | 37 | 182 | 1,768 |
| 3 | 3 | 5 | 17 | 20 | 3 | 11 | 411 | 246 | 9 | 56 | 80 | ... | . | 7 | 183 | ... | 9 | ... | 88 | ... | 492 | | 56 | 274 | 3,722 |
| 2 | 7 | 6 | 17 | 7 | 3 | 5 | 38 | ... | 8 | 57 | 4 | | ... | 6 | . | ... | ... | ... | 18 | .. | 66 | | 35 | 46 | 485 |
| 49 | 113 | 110 | 217 | 268 | 49 | 116 | 3,420 | 2,120 | 113 | 678 | 688 | ... | ... | 73 | 1,298 | ... | 191 | 4 | 548 | 28 | 3,473 | | 735 | 2,340 | 30,768 |

adopted by the Registrar-General and the Local Government Board. The Numbers following the causes of death are the corresponding Numbers in the Detailed List.

## Table No. 11.

COMPARATIVE TABLE of BIRTHS and DEATHS, from some of the PRINCIPAL CAUSES during 1957 and the preceding 10 years.

| YEAR. | Births (excluding still-births.) | | Total Deaths | | Plague. | | Small-pox. | | Measles. | | Cholera. | | Influenza. | | Enteric Fever. | | Malaria. | | Ague and Remittent Fever. | | Tuberculosis. | | Diarrhœa, Enteritis and Dysentery. | | Respiratory Diseases. | | Deaths under 1 year. | | Deaths of Children (1 to 5 years.) | | Still-born. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000 Births Registered. | No. Registered. | Percentage of total deaths. | |
| 1927 ... | 21,685 | 16·7 | 27,633 | 21·3 | 207 | 0·2 | 842 | 0·6 | 96 | 0·1 | 82 | 0·1 | 79 | 0·1 | 146 | 0·1 | 365 | 0·2 | 1,633 | 1·2 | 1,748 | 1·3 | 1,483 | 1·1 | 9,949 | 7·6 | 6,857 | 316·2 | 4,275 | 15·5 | 1,780 |
| 1928 ... | 24,017 | 18·5 | 27,312 | 21.0 | 257 | 0·2 | 597 | 0·4 | 86 | 0·1 | 34 | 0.0 | 79 | 0·1 | 137 | 0·1 | 295 | 0·2 | 1,431 | 1·1 | 1,764 | 1·3 | 1,167 | 0·9 | 10,468 | 8·1 | 7,468 | 310·9 | 4,060 | 14·7 | 1,826 |
| 1929 ... | 24,220 | 18·6 | 26,555 | 20·4 | 29 | 0·0 | 1,135 | 0·9 | 113 | 0·1 | 8 | 0·C | 63 | 0·1 | 170 | 0·1 | 216 | 0·2 | 1,540 | 1·2 | 1,520 | 1·2 | 1,326 | 0·9 | 9,550 | 7·4 | 7,225 | 298·3 | 4,607 | 17·4 | 1,860 |
| 1930 .. | 25,329 | 19·5 | 27,552 | 21·2 | 29 | 0·0 | 1,677 | 1·3 | 136 | 0·1 | 40 | 0·0 | 75 | 0·1 | 188 | 0·1 | 195 | 0·2 | 1,541 | 1·2 | 1,450 | 1·1 | 1,470 | 1·1 | 9,703 | 7·5 | 7,506 | 296·3 | 5,090 | 18·5 | 2,013 |
| 1931 ... | 27,204 | 23·4 | 25,105 | 21·6 | 24 | 0·0 | 31 | 0·0 | 45 | 0·0 | 80 | 0·1 | 130 | 0·0 | 186 | 0·2 | 131 | 0·1 | 1,398 | 1·2 | 1,566 | 1·3 | 1,295 | 1·1 | 9,096 | 7·8 | 7,401 | 272·0 | 3,920 | 15·6 | 2,164 |
| 1932 ... | 28,894 | 24·8 | 22,856 | 19·7 | 37 | 0·0 | 313 | 0·2 | 100 | 0·1 | 7 | 0·0 | 76 | 0.1 | 185 | 0·2 | 76 | 0·0 | 1,217 | 1·0 | 1,389 | 1·2 | 968 | 0·8 | 8,282 | 7·1 | 6,298 | 218·0 | 3,855 | 16·8 | 2,024 |
| 1933 ... | 30,926 | 26·6 | 27,174 | 23·4 | 48 | 0.0 | 2,659 | 2·3 | 86 | 0·1 | 17 | 0·0 | 76 | 0·1 | 241 | 0·2 | 71 | 0·0 | 1,192 | 1·0 | 1,594 | 1·4 | 1,035 | 0·9 | 9,102 | 7·8 | 8,320 | 269·0 | 4,675 | 17·2 | 2,338 |
| 1934 .. | 33,724 | 29·0 | 27,370 | 23·6 | 31 | 0·0 | 152 | 0·1 | 161 | 0·1 | 13 | 0·0 | 98 | 0·1 | 240 | 0·2 | 101 | 0·1 | 1,397 | 1·2 | 1,856 | 1·6 | 1,280 | 1·1 | 10,056 | 8·7 | 8,253 | 245·0 | 4,540 | 16·6 | 2,365 |
| 1935 ... | 34,428 | 29·6 | 29,289 | 25·2 | 1 | 0.0 | 1,248 | 1·1 | 264 | 0·2 | 13 | 0·0 | 72 | 0·1 | 232 | 0·2 | 97 | 0·1 | 1,389 | 1·2 | 1,929 | 1·7 | 1,235 | 1·1 | 10,641 | 9·2 | 8,455 | 245·6 | 5,537 | 18·9 | 2,329 |
| 1936 ... | 35,905 | 30·9 | 29,934 | 25·8 | 2 | 0·0 | 906 | 0·8 | 146 | 0·1 | 5 | 0·0 | 71 | 0·1 | 292 | 0·2 | 91 | 0·1 | 1,332 | 1·2 | 1,993 | 1·7 | 1,475 | 1·3 | 10,601 | 9·2 | 8,946 | 249·1 | 5,340 | 17·8 | 2,429 |
| Average of 1927-1936. | 28,633 | 23·5 | 27,078 | 22·2 | 66 | 0·0 | 956 | 0·8 | 123 | 0·1 | 30 | 0·0 | 82 | 0·1 | 202 | 0·2 | 164 | 0·1 | 1,407 | 1·2 | 1,681 | 1·4 | 1,263 | 1·0 | 9,745 | 8·0 | 7,673 | 268·1 | 4,590 | 16·9 | 2,112 |
| Average of 1932-1936. | 32,775 | 28·2 | 27,325 | 23·4 | 24 | 0·0 | 1,055 | 0·9 | 151 | 0·1 | 11 | 0·0 | 78 | 0·1 | 238 | 0·2 | 87 | 0·1 | 1,305 | 1·1 | 1,754 | 1·5 | 1,198 | 1·0 | 9,736 | 8·4 | 8,054 | 245·7 | 4,789 | 17·5 | 2,297 |
| 1937 ... | 35,455 | 30·5 | 30,768 | 26·5 | ... | 0·0 | 688 | 0·6 | 211 | 0·2 | 4 | 0 0 | 68 | 0·1 | 344 | 0·3 | 73 | 0·1 | 1,298 | 1·1 | 2,037 | 1·7 | 1,662 | 1·4 | 11,241 | 9 7 | 8,688 | 245.0 | 5,740 | 18·7 | 2,340 |

# Table No. 12.

TABLE of DEATHS by Causes and Months in 1937.

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1-44) | *I—Infectious and Parasitic Diseases.* | | | | | | | | | | | | | |
| 1, 2 | Typhoid & paratyphoid fever | 13 | 14 | 11 | 24 | 35 | 40 | 32 | 31 | 38 | 37 | 29 | 40 | 344 |
| 3 | Typhus fever | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 4 | Relapsing fever ("Spirillum Obermeieri") | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 5 | Undulant fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 6 | Small-pox | 16 | 30 | 62 | 79 | 90 | 81 | 59 | 32 | 24 | 20 | 39 | 156 | 688 |
| 7 | Measles | 17 | 18 | 15 | 27 | 41 | 14 | 15 | 7 | 7 | 7 | 19 | 24 | 211 |
| 8 | Scarlet fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 9 | Whooping cough | .. | 2 | .. | .. | 1 | .. | 1 | .. | 2 | .. | 1 | 1 | 8 |
| 10 | Diphtheria | 6 | 4 | .. | 4 | 2 | 4 | 2 | 7 | 7 | 7 | 6 | 6 | 55 |
| 11 | Influenza— | | | | | | | | | | | | | |
| | (*a*) With respiratory complications | 3 | .. | 2 | .. | .. | 3 | 3 | .. | 2 | 4 | 2 | 3 | 22 |
| | (*b*) Without respiratory complications | 7 | 3 | 1 | 4 | 1 | 2 | 3 | 7 | 4 | 4 | 3 | 7 | 46 |
| 12 | Cholera | .. | .. | .. | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | 4 |
| 13 | Dysentery | 43 | 31 | 35 | 31 | 41 | 45 | 54 | 87 | 57 | 35 | 45 | 44 | 548 |
| 14 | Plague | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15 | Erysipelas | 2 | 1 | .. | 1 | 1 | .. | .. | .. | 2 | 1 | .. | 1 | 9 |
| 16 : 1 | Acute poliomyelitis | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| 16 : 2 | Acute polioencephalitis | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| 17 | Encephalitis lethargica | 1 | .. | .. | .. | 2 | .. | 1 | 1 | 1 | 1 | 1 | 3 | 11 |
| 18 | Cerebro-spinal fever | 26 | 14 | 16 | 25 | 8 | 6 | 14 | 8 | 11 | 5 | 8 | 15 | 156 |
| 19 | Glanders | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 20 | Anthrax | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 21 | Rabies shown under 176 (*a*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 22 | Tetanus | 12 | 10 | 7 | 7 | 18 | 13 | 12 | 9 | 10 | 12 | 7 | 4 | 121 |
| 23 : 32 | Tuberculosis (all forms) | | | | | | | | | | | | | |
| 23 | Tuberculosis of Respiratory system | 147 | 143 | 137 | 112 | 133 | 129 | 157 | 145 | 162 | 186 | 166 | 151 | 1,768 |
| 24 | Tuberculosis of central nervous system | 4 | 8 | 8 | 17 | 8 | 6 | 12 | 4 | 10 | 8 | 6 | 6 | 97 |
| 25 | Tuberculosis of intestines and peritoneum | 12 | 5 | 5 | 11 | 8 | 14 | 6 | 16 | 13 | 9 | 5 | 8 | 112 |
| 26 | Tuberculosis of vertebral column | 1 | .. | .. | .. | .. | 1 | . | 1 | 3 | 2 | .. | 1 | 9 |
| 27 | Tuberculosis of other bones and joints | 1 | 1 | .. | 4 | 2 | 1 | 2 | .. | 1 | .. | 5 | 1 | 18 |
| 28 | Tuberculosis of skin and subcutaneous tissues | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 29 | Tuberculosis of Lymphatic system (abdominal and bronchial glands excepted). | 1 | .. | .. | .. | .. | 1 | 1 | .. | 1 | 3 | .. | .. | 7 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *I—Infectious and Parasitic Diseases*—contd. | | | | | | | | | | | | | |
| 30 | Tuberculosis of Genito-urinary system .. .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 |
| 31 | Tuberculosis of other organs | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 32 | Disseminated tuberculosis .. | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 2 | .. | 3 | .. | 2 | 24 |
| 33 | Leprosy .. .. .. | .. | 1 | .. | .. | .. | .. | .. | 8 | 3 | 5 | 5 | 6 | 28 |
| 34 | Syphilis .. .. .. | 8 | 2 | 3 | 3 | 2 | 4 | 4 | 2 | 3 | 2 | 3 | 2 | 38 |
| 35 : 1 | Gonorrhœal or purulent ophthalmia .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 35 : 2 | Other Venereal diseases .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 36 | Purulent infection, Septicæmia .. .. .. | 12 | 19 | 15 | 13 | 20 | 16 | 13 | 9 | 11 | 9 | 16 | 8 | 161 |
| 37 | Yellow fever .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 38 : *a* | Malaria .. .. .. | 11 | 3 | 6 | 2 | 6 | 8 | 3 | 6 | 2 | 9 | 10 | 7 | 73 |
| 38 : *b* | Remittent fever .. .. | 138 | 114 | 98 | 106 | 96 | 89 | 95 | 120 | 127 | 109 | 103 | 103 | 1,298 |
| 39 : *a* | Kala Azar .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 39 : *b* | Other diseases due to protozoa | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 3 |
| 40 | Ankylostomiasis .. .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 41 | Hydatid cysts— | | | | | | | | | | | | | |
| | (*a*) Liver .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*b*) Other organs.. .. | .. | — | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 42 | Other diseases due to helminths .. .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 1 | 3 |
| 43 : 1 | Actinomycosis .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 43 : 2 : *a* | Sprue .. .. .. .. | 2 | 4 | 11 | 5 | 5 | 3 | 2 | 5 | 4 | 5 | 5 | 2 | 53 |
| 43 : 2 : *b* | Other mycoses .. .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 44 | Other infectious or parasitic diseases— | | | | | | | | | | | | | |
| | 1. Vaccinia .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 2. Other sequelæ of vaccination.. .. .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| | 3. German measles .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 4. Varicella .. .. | .. | .. | 3 | 2 | .. | .. | 1 | .. | 3 | .. | .. | 1 | 10 |
| | 5. Mumps .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 6. Other diseases included under 44 .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (*45-55*) | *II—Cancer and other Tumours.* | | | | | | | | | | | | | |
| 45 | Cancer of the buccal cavity and pharynx .. .. | .. | 4 | 2 | 1 | 2 | 5 | 4 | 4 | 1 | 5 | 2 | 3 | 33 |
| 46 | Cancer of the digestive organs and peritoneum— | | | | | | | | | | | | | |
| | (*a*) Oesophagus .. .. | 1 | .. | .. | .. | | 2 | .. | 2 | .. | 2 | 2 | 2 | 13 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937.—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | II—*Cancer and other Tumours*—contd. | | | | | | | | | | | | | |
| | (*b*) Stomach and duodenum | 5 | 3 | 5 | 4 | 1 | 2 | 1 | 5 | .. | 4 | 3 | 4 | 37 |
| | (*c*) Rectum .. .. | 3 | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | 2 | 7 |
| | (*d*) Liver and biliary passages .. .. .. | 2 | 4 | 1 | .. | .. | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 16 |
| | (*e*) Pancreas .. .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 |
| | (*f*) Peritoneum .. .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | 2 |
| | (*g*) Other digestive organs. | 2 | .. | .. | 1 | 1 | 1 | 2 | 2 | 1 | 1 | .. | 1 | 12 |
| 47 | Cancer of the Respiratory organs .. .. .. | 1 | 1 | 3 | 5 | 3 | .. | 3 | 3 | 5 | 2 | 4 | 4 | 34 |
| 48 | Cancer of the Uterus .. | 2 | 1 | .. | .. | 2 | 1 | 4 | 4 | 2 | 4 | 3 | 2 | 25 |
| 49 | Cancer of the other female genital organs .. .. | .. | .. | .. | .. | .. | 1 | 2 | 2 | 1 | .. | 1 | .. | 7 |
| 50 | Cancer of the breast .. .. | 4 | 1 | 1 | .. | 1 | .. | 2 | 2 | 2 | 2 | 1 | .. | 16 |
| 51 | Cancer of the male genito-urinary organs .. .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | .. | .. | 1 | 1 | 8 |
| 52 | Cancer of the skin .. .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 3 |
| 53 | Cancer of the other or unspecified organs .. .. | 5 | 7 | 11 | 11 | 7 | 4 | 5 | 3 | 6 | 6 | 8 | 6 | 79 |
| 54 | Non-malignant tumours— | | | | | | | | | | | | | |
| | (*a*) Female genital organs.. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 | 1 | 4 |
| | (*b*) Other sites .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| 55 | Tumours of undetermined nature— | | | | | | | | | | | | | |
| | (*a*) Female genital organs.. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*b*) Other sites .. .. | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | .. | 2 | 3 | 2 | 20 |
| (56-69) | *III—Rheumatism, Diseases of Nutrition and of Endocrine Glands, and other general diseases.* | | | | | | | | | | | | | |
| 56 | Rheumatic fever .. .. | .. | 4 | 5 | .. | 1 | 3 | 6 | 2 | 2 | 2 | 1 | 3 | 29 |
| 57 : 1 | Chronic rheumatism .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 57 : 2 | Rheumatoid Arthritis, Osteo-arthritis .. .. .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 3 |
| 58 | Gout .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 59 | Diabetes .. .. .. | 9 | 6 | 12 | 13 | 10 | 11 | 14 | 5 | 1 | 15 | 9 | 10 | 115 |
| 60 | Scurvy .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | 1 | .. | 1 | .. | .. | 4 |
| 61 | Beri-beri .. .. .. | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| 62 | Pellagra .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| 63 | Rickets .. .. .. | 80 | 70 | 70 | 65 | 89 | 55 | 72 | 101 | 93 | 73 | 79 | 66 | 913 |
| 64 | Osteomalacia .. .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 65 | Diseases of the pituitary gland | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (56-69) | *III.—Rheumatism, Diseases of Nutrition and of Endocrine Glands, and other general diseases*—contd. | | | | | | | | | | | | | |
| 66 | Diseases of the thyroid and parathyroid glands— | | | | | | | | | | | | | |
| | (*a*) Simple goitre .. .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| | (*b*) Exophthalmic goitre .. | 1 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 5 |
| | (*c*) Myxœdema, Cretinism.. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*d*) Tetany .. .. | 1 | 2 | .. | .. | .. | 1 | 1 | .. | .. | 1 | .. | 1 | 7 |
| | (*e*) Other diseases included under 66 .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 67 | Diseases of the thymus .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 68 | Diseases of the adrenals .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| 69 | Other general diseases .. | 1 | 1 | .. | 1 | .. | .. | .. | 2 | .. | .. | 2 | .. | 7 |
| (70-74) | *IV.—Diseases of the Blood and Blood-forming organs.* | | | | | | | | | | | | | |
| 70 | Hæmorrhagic conditions— | | | | | | | | | | | | | |
| | (*a*) Purpura .. .. | 2 | 1 | .. | .. | .. | 1 | 3 | .. | .. | .. | .. | 1 | 8 |
| | (*b*) Hæmophilia .. .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 1 | .. | .. | 3 |
| 71 : *a* | Pernicious anæmia .. | 12 | 11 | 14 | 7 | 6 | 4 | 6 | 4 | 7 | 3 | 7 | 7 | 88 |
| 71 : *b* | Other anæmias and chlorosis .. .. .. | 100 | 86 | 83 | 92 | 98 | 72 | 77 | 94 | 68 | 76 | 71 | 102 | 1019 |
| 72 : *a* | Leukæmia .. .. .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 3 |
| 72 : *b* | Aleukæmia (Lymphadenoma) | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 73 | Diseases of the spleen .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 3 |
| 73 | Other diseases of the blood and blood-forming organs.. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| (75-77) | *V.—Chronic Poisoning.* | | | | | | | | | | | | | |
| 75 | Alcholism (acute or chronic).. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 76 | Chronic poisoning by other organic substances .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| 77 | Chronic poisoning by mineral substances— | | | | | | | | | | | | | |
| | (1) Occupational lead poisoning .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (2) Mercury .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (3) Other chronic poisoning by mineral substances .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (78-89) | *VI.—Diseases of the Nervous System and Sense Organs.* | | | | | | | | | | | | | |
| 78 | Encephalitis— | | | | | | | | | | | | | |
| | (*a*) Cerebral abscess .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 2 |
| | (*b*) Other diseases included under 78 .. .. | 1 | 3 | 6 | 5 | 3 | .. | 4 | 3 | .. | 4 | 1 | 4 | 34 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (78-89) | *VI.—Diseases of the Nervous System and Sense Organs.*—contd. | | | | | | | | | | | | | |
| 79 | Meningitis .. .. .. | 7 | 3 | 5 | 7 | 3 | 4 | 4 | 2 | 7 | 4 | 4 | 7 | 57 |
| 80 | Tabes dorsalis (locomotor ataxy) .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 81 | Other diseases of the spinal cord .. .. .. | 1 | .. | .. | 3 | .. | 2 | 1 | 1 | 1 | 1 | 1 | .. | 11 |
| 82 : *a* | 1. Cerebral Hæmorrhage.. | 7 | 4 | 6 | 8 | 7 | 4 | 11 | 5 | 6 | 7 | 3 | 10 | 78 |
| | 2. Apoplexy (lesion unstated) | 2 | .. | 2 | 4 | 2 | 1 | 4 | 2 | 5 | 1 | 2 | 2 | 27 |
| | 3. (*a*) Mania .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*b*) Malancholia .. .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| | (*c*) Dementia .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 82 : *b* | 1. Cerebral embolism .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| | 2. Cerebral thrombosis .. | 3 | 2 | 1 | 5 | 3 | .. | 1 | 1 | 2 | 4 | 2 | 2 | 26 |
| | 3. Cerebral softening .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 2 |
| 82 : *c* | 1. Hemiplegia .. .. | 7 | 10 | 10 | 7 | 5 | 9 | 6 | 10 | 16 | 8 | 11 | 18 | 117 |
| | 2. Other paralysis of unstated origin .. .. .. | 8 | 7 | 4 | 9 | 4 | 9 | 6 | 4 | 3 | 8 | 3 | 9 | 74 |
| 83 | General paralysis of the insane .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 84 | Other forms of insanity .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| 85 | Epilepsy .. .. .. | .. | 2 | .. | 1 | 2 | .. | .. | 4 | .. | 2 | 1 | .. | 12 |
| 86 | Infantile convulsions— | | | | | | | | | | | | | |
| | (*a*) Under 5 years .. | 68 | 53 | 62 | 63 | 55 | 54 | 45 | 46 | 38 | 54 | 51 | 57 | 646 |
| | (*b*) Above 5 years .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 87 | Other diseases of the nervous system— | | | | | | | | | | | | | |
| | (*a*) Chorea .. .. .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 2 |
| | (*b*) Neuritis, Neuralgia .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | 3 |
| | (*c*) Paralysis agitans .. | .. | 2 | 1 | 1 | 1 | .. | 1 | 1 | .. | 1 | 2 | .. | 10 |
| | (*d*) Disseminated sclerosis.. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*e*) Other diseases included under 87 .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 88 | Diseases of the eye and annexa .. .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| 89 : *a* | Otitis, and other diseases of the ear .. .. .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| 89 : *b* | Diseases of the mastoid sinus. | .. | .. | .. | 1 | .. | .. | 2 | 1 | .. | .. | 1 | 1 | 6 |
| (90-103) | *VII—Diseases of the Circulatory System.* | | | | | | | | | | | | | |
| 90 | Pericarditis .. .. | 1 | .. | 2 | .. | 1 | .. | 1 | .. | .. | .. | .. | 2 | 7 |
| 91 | Acute endocarditis .. .. | .. | .. | 2 | 3 | 1 | .. | .. | 1 | .. | .. | .. | 1 | 8 |
| 92 | 1-5 Chronic endocarditis, valvular diseases .. .. | 6 | 2 | 5 | 5 | 4 | 6 | 4 | 5 | 5 | 9 | 3 | 5 | 59 |
| 93 : *a* | Acute myocarditis .. .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *VII.—Diseases of the Circulatory System.*—contd. | | | | | | | | | | | | | |
| 93 : *b* | Myocardial degeneration— | | | | | | | | | | | | | |
| | 1. Fatty heart .. .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| | 2. Cardio-vascular degeneration .. .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 2 |
| | 3. Other diseases included under 93B .. .. | 1 | 4 | 2 | 2 | 3 | 1 | 3 | 4 | 2 | 1 | 4 | .. | 27 |
| 93 : *c* | Myocarditis, not returned as acute or chronic .. .. | 2 | 2 | 1 | 1 | 2 | .. | 2 | 3 | 3 | 4 | 2 | 3 | 25 |
| 94 | Diseases of the coronary arteries, Angina pectoris .. | 8 | 5 | 9 | 16 | 9 | 6 | 7 | 4 | 7 | 15 | 9 | 12 | 107 |
| 95 | Other diseases of the heart— | | | | | | | | | | | | | |
| | (*a*) Disordered action of heart .. .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| | (*b*) Other diseases included under 95— | | | | | | | | | | | | | |
| | 1. Dilatation of heart (cause unspecified).. | 3 | 4 | 4 | .. | 2 | 3 | 2 | 1 | 1 | .. | 1 | .. | 21 |
| | 2. Heart disease, undefined .. .. | 5 | 4 | 10 | 3 | 7 | 7 | 8 | 1 | 4 | 10 | 2 | 6 | 67 |
| 96 | Aneurysm .. .. .. | 1 | 2 | 1 | 2 | 3 | 4 | 3 | 1 | 2 | .. | 1 | 1 | 21 |
| 97 : 1 | Arterio-sclerosis, with cerebral hæmorrhage .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| 97 : 2 | Arterio-sclerosis, with record of other cerebral vascular lesion .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 97 : 3 | Arterio-sclerosis without record of cerebral vascular lesion .. .. .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| 98 | Gangrene .. .. .. | 3 | .. | 2 | 3 | 4 | 1 | 7 | 8 | 2 | 2 | 4 | .. | 36 |
| 99 | Other diseases of the arteries .. .. .. | .. | 1 | .. | 2 | 1 | 1 | .. | .. | 1 | 3 | .. | 1 | 10 |
| 100 | Diseases of the veins (Varix, hæmorrhoids, phlebitis, etc.) .. .. .. | 2 | .. | .. | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. | 5 |
| 101 | Diseases of the lymphatic system (lymphangitis, etc.) | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 102 | Abnormalities of blood-pressure .. .. .. .. | 1 | 2 | 3 | 4 | 3 | .. | .. | 1 | 1 | .. | 1 | 4 | 20 |
| 103 | Other diseases of the circulatory system .. .. | .. | 2 | 1 | .. | 1 | .. | .. | 3 | 1 | .. | .. | .. | 8 |
| (*104–114*) | *VIII—Diseases of the Respiratory System.* | | | | | | | | | | | | | |
| 104 | Diseases of the nasal fossæ and annexa .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 2 |
| 105 | Disease of the larynx .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 4 |
| 106 : *a* | Acute bronchitis .. .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 3 | 8 |
| 106 : *b* | Chronic bronchitis .. .. | 39 | 30 | 23 | 18 | 32 | 15 | 21 | 34 | 23 | 38 | 34 | 49 | 356 |
| 106 : *c* | Bronchitis, not defined as acute or chronic .. .. | 29 | 21 | 32 | 38 | 30 | 22 | 21 | 30 | 35 | 28 | 26 | 21 | 333 |
| 107 | Broncho-pneumonia .. | 403 | 391 | 498 | 552 | 563 | 531 | 667 | 674 | 494 | 480 | 474 | 564 | 6,291 |
| 108 | Lobar pneumonia .. .. | 11 | 15 | 21 | 19 | 22 | 22 | 14 | 12 | 15 | 18 | 19 | 26 | 214 |
| 109 | Pneumonia (not otherwise defined) .. .. .. | 233 | 198 | 244 | 253 | 227 | 237 | 212 | 193 | 161 | 192 | 222 | 297 | 2,669 |
| 110 : 1 | Empyema .. .. .. | 1 | 1 | 5 | .. | 4 | 4 | .. | 1 | 2 | 1 | 1 | 4 | 24 |
| 110 : 2 | Other Pleurisy .. .. | 3 | 2 | 2 | .. | 3 | 1 | 1 | 1 | 1 | 1 | 6 | 4 | 25 |
| 111 | Congestion and hæmorrhagic infract of lung, etc. .. | 15 | 4 | 4 | 7 | 8 | 14 | 8 | 9 | 6 | 11 | 6 | 4 | 96 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *VIII.—Diseases of the Respiratory System*—contd. | | | | | | | | | | | | | |
| 112 | Asthma .. .. .. | 112 | 102 | 89 | 115 | 100 | 91 | 88 | 103 | 79 | 90 | 89 | 122 | 1,180 |
| 113 | Pulmonary emphysema .. | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | 2 | .. | 5 |
| 114 : *a* | Chronic interstitial pneumonia, including occupational diseases of the lung .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 114 : *b* | Other diseases included under 114— 1. Gangrene of the lung .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 2 |
| | 2. Other diseases included under 114*b* .. .. | .. | 2 | 5 | 3 | 3 | 2 | 4 | 1 | 5 | 2 | 3 | 2 | 32 |
| (*115–129*) | *IX—Diseases of the Digestive System.* | | | | | | | | | | | | | |
| 115 : 1 | Diseases of the teeth and gums .. .. .. | 1 | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 1 | 6 |
| 115 : 2 | Ludwig's angina .. .. | 1 | 1 | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 3 | 9 |
| 115 : 3 | Diseases of the tonsils .. | 1 | .. | 1 | .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | 5 |
| 115 : 4 | Other diseases included under 115 .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 116 | Diseases of the Oesophagus. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 | 3 |
| 117 | Ulcer of the stomach or duodenum .. .. .. | 1 | .. | 2 | 5 | 3 | 1 | 4 | 2 | 1 | 2 | 2 | 2 | 25 |
| 118 | Other diseases of the stomach .. .. .. | 1 | 1 | 4 | 2 | 2 | 1 | .. | 2 | 3 | 2 | 2 | 5 | 25 |
| 119–120 | Diarrhœa and enteritis .. | 68 | 65 | 72 | 72 | 113 | 92 | 151 | 186 | 104 | 67 | 61 | 63 | 1,114 |
| 121 | Appendicitis .. .. .. | 4 | 5 | 6 | 4 | 4 | 1 | 4 | 2 | 7 | 3 | 6 | 3 | 49 |
| 122 : *a* | Hernia .. .. .. | 1 | .. | 8 | 5 | 2 | 2 | 3 | 3 | 2 | 4 | 1 | 1 | 32 |
| 122 : *b* | Intestinal obstruction .. | 5 | 3 | 6 | 3 | 2 | 5 | 4 | 6 | 1 | 11 | 6 | 5 | 57 |
| 123 | Other diseases of the intestines .. .. .. | 1 | .. | .. | .. | 1 | 2 | .. | .. | 3 | 2 | 1 | 2 | 12 |
| 124 | Cirrhosis of the liver .. | 4 | 6 | 5 | 12 | 9 | 9 | 13 | 7 | 10 | 14 | 8 | 16 | 113 |
| 125 : 1 | Acute yellow atrophy .. | .. | 1 | .. | .. | 1 | 1 | .. | 2 | 1 | .. | .. | 2 | 8 |
| 125 : 2 | Other diseases of the liver .. | 21 | 7 | 8 | 5 | 6 | 6 | 7 | 6 | 2 | 9 | 9 | 9 | 95 |
| 126 | Biliary calculi .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 127 | Other diseases of the Gall bladder and ducts.. .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | 1 | .. | 2 | 7 |
| 128 | Diseases of the pancreas .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | 1 | 1 | .. | .. | 5 |
| 129 | Peritonitis without stated cause .. .. .. | 8 | 2 | 4 | 10 | 3 | 2 | 4 | 7 | 12 | 2 | 2 | 7 | 63 |
| (*130–139*) | *X—Non-Venereal Diseases of the Genito-Urinary System and Annexa.* | | | | | | | | | | | | | |
| 130 | Acute Nephritis .. .. | .. | .. | 2 | .. | .. | .. | 3 | 1 | 1 | 2 | 2 | 1 | 12 |
| 131 | Chronic Nephritis .. .. | 12 | 3 | 14 | 5 | 4 | 4 | 4 | 5 | 4 | 6 | 5 | 6 | 72 |
| 132 | Nephritis (not stated to be chronic or acute) .. .. | 17 | 15 | 15 | 16 | 11 | 14 | 20 | 11 | 17 | 21 | 12 | 15 | 184 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *X—Non-Venereal Diseases of the Genito-Urinary System and Annexa*—contd. | | | | | | | | | | | | | |
| 133 | Other diseases of the kidney and annexa .. .. | 2 | 3 | 2 | 4 | 6 | 4 | 3 | 7 | 7 | 7 | 1 | 7 | 53 |
| 134 | Calculi of the urinary passages .. .. .. .. | .. | .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | 3 |
| 135 : *a* | Cystitis .. .. .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 2 | 1 | 1 | 6 |
| 135 : *b* | Other diseases of the bladder .. .. .. .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| 136 : *a* | Stricture of the urethra .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 2 |
| 136 : *b* | Other diseases of the urethra, etc. .. .. .. | 1 | 1 | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | 1 | 6 |
| 137 | Diseases of the Prostate .. | 1 | .. | 1 | 1 | 1 | 2 | 1 | 2 | 1 | .. | 1 | .. | 11 |
| 138 | Non-venereal diseases of the male genital organs .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | 2 | 5 |
| 139 | Diseases of the female genital organs— | | | | | | | | | | | | | |
| | (*a*) Diseases of the ovary, fallopian tube and parametrium .. .. | .. | 2 | 2 | .. | .. | 2 | 1 | .. | .. | .. | 2 | 1 | 10 |
| | (*b*) Diseases of the uterus. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| | (*c*) Diseases of the breast.. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*d*) Other diseases of the female genital organs.. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (*140-150*) | *XI.—Diseases of Pregnancy, Child-birth and the Puerperal State.* | | | | | | | | | | | | | |
| 140 | Post abortive sepsis .. | .. | .. | 1 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | 4 |
| 141 | Abortion not returned as septic .. .. .. | .. | .. | 1 | 2 | .. | 3 | .. | 1 | 3 | .. | .. | 2 | 12 |
| 142 | Ectopic gestation .. .. | .. | .. | .. | 1 | .. | — | .. | .. | 1 | .. | .. | 1 | 3 |
| 143 | Other accidents of pregnancy | 1 | 4 | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 9 |
| 144 | Puerperal hæmorrhage— | | | | | | | | | | | | | |
| | (*a*) Placenta prævia .. | .. | 1 | .. | 3 | .. | 1 | .. | 1 | .. | .. | .. | .. | 6 |
| | (*b*) Other puerperal hæmorrhage .. .. | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 19 |
| 145 | Puerperal sepsis not returned as post-abortion— | | | | | | | | | | | | | |
| | (*a*) Puerperal septicæmia and pyæmia .. .. | 4 | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 2 | 8 | 6 | 5 | 42 |
| | (*b*) Puerperal tetanus .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 3 |
| 146 | Puerperal albuminuria and convulsions.. .. .. | 3 | 3 | .. | 1 | .. | 3 | 2 | 2 | 2 | 2 | 1 | 3 | 22 |
| 147 | Other toxæmias of pregnancy | .. | .. | 1 | .. | 1 | 1 | 1 | 1 | 3 | 1 | .. | .. | 9 |
| 148 : *a* | Puerperal phlegmasia alba dolens not returned as septic .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | — |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *XI—Diseases of Pregnancy, Child-birth and the Puerperal State.*—contd. | | | | | | | | | | | | | |
| 148 : *b* | Puerperal embolism and sudden death .. .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 1 | .. | 3 | 2 | 8 |
| 149 | Other accidents of child-birth | 1 | .. | 2 | .. | 2 | .. | 4 | 2 | .. | 5 | .. | 1 | 17 |
| 150 | Other or unspecified conditions of the puerperal State— | | | | | | | | | | | | | |
| | (1) Puerperal insanity .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 2 |
| | (2) Puerperal diseases of the breast .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (3) Child-birth (unqualified) .. .. .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | 2 | 1 | 3 | .. | 9 |
| *151-153)* | *XII.—Diseases of the Skin and Cellular Tissue.* | | | | | | | | | | | | | |
| 151 | Carbuncle, boil .. .. | 1 | .. | .. | .. | 1 | 1 | 1 | 1 | 1 | .. | .. | .. | 6 |
| 152 | Cellulitis, acute abscess . | 1 | 1 | 5 | 5 | 5 | 5 | 3 | 4 | 3 | 4 | .. | 5 | 41 |
| 153 | Other diseases of the skin and its annexa .. .. .. | 5 | .. | .. | 1 | 1 | 1 | 3 | 1 | 4 | 2 | 2 | .. | 20 |
| (*154-156*) | *XIII.—Diseases of the Bones and Organs of Locomotion.* | | | | | | | | | | | | | |
| 154 | Acute infective osteomyelitis and periostitis .. | 2 | 1 | .. | .. | .. | 2 | .. | 2 | 2 | 1 | 1 | .. | 11 |
| 155 | Other diseases of the bones. | 2 | .. | 1 | 1 | 1 | 1 | 1 | .. | .. | 1 | .. | .. | 8 |
| 156 : *a* | Diseases of the joints .. | .. | .. | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | 3 |
| 156 : *b* | Diseases of other organs of locomotion .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| (*157*) | *XIV—Congenital Malformations.* | | | | | | | | | | | | | |
| 157 | Congenital malformations .. | 5 | 2 | 2 | 2 | 2 | 6 | 4 | 3 | .. | 5 | 5 | 4 | 40 |
| (*158-161*) | *XV.—Diseases of Early Infancy.* | | | | | | | | | | | | | |
| 158 | Congenital debility .. .. | 192 | 153 | 161 | 137 | 173 | 141 | 205 | 226 | 184 | 234 | 200 | 220 | 2,226 |
| 159 | Premature birth .. .. | 94 | 60 | 55 | 64 | 54 | 60 | 64 | 102 | 79 | 93 | 85 | 96 | 906 |
| 160 | Injury at birth .. .. | 2 | 3 | 3 | 1 | 5 | 5 | 4 | 4 | 2 | 2 | 5 | 2 | 38 |
| 161 | Other diseases peculiar to early infancy— | | | | | | | | | | | | | |
| | (*a*) Atelectasis .. .. | 8 | 7 | 12 | 3 | 4 | 5 | 5 | 12 | 14 | 15 | 7 | 9 | 101 |
| | (*b*) Icterus neonatorum .. | 9 | 10 | 7 | 3 | 3 | 4 | 3 | 4 | 4 | 8 | 1 | 6 | 62 |
| | (*c*) Other diseases included under 161— | | | | | | | | | | | | | |
| | 1. Diseases of the umbilicus .. .. | .. | 2 | 2 | .. | .. | 1 | .. | .. | 2 | .. | .. | 1 | 8 |
| | 2. Pemphigus neonatorum .. .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 2 |
| | 3. Other diseases included under 161*c* .. | 6 | .. | 2 | 4 | 5 | 1 | 1 | 2 | 4 | 3 | 4 | 5 | 37 |

## Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1937—*contd.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (*162*) | *XVI.—Old age.* | | | | | | | | | | | | | |
| 162 : *a* | Senile dementia .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 162 : *b* | Other forms of senile decay.. | 202 | 164 | 171 | 153 | 167 | 142 | 178 | 172 | 168 | 189 | 192 | 222 | 2 120 |
| (*163-198*) | *XVII.–Deaths from Violence.* | | | | | | | | | | | | | |
| (*163-171*) | *Suicide.* | | | | | | | | | | | | | |
| 163 | By solid or liquid poisons and corrosive substances .. | 4 | 2 | 4 | 5 | 8 | 5 | 3 | 7 | 4 | 4 | 9 | 2 | 57 |
| 164 | By poisonous gas .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 165 | By hanging or strangulation | 2 | 3 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | 8 |
| 166 | By drowning .. .. .. | .. | .. | 1 | 2 | .. | 1 | .. | 3 | 1 | .. | 1 | .. | 9 |
| 167 | By firearms .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 168 | By cutting or piercing instruments .. .. .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 3 |
| 169 | By jumping from high places. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 | 1 | 1 | .. | 8 |
| 170 | By crushing .. .. .. | 2 | .. | 1 | .. | .. | .. | 1 | 3 | 1 | .. | 1 | 2 | 11 |
| 171 | By other means .. .. | 1 | 1 | 2 | 3 | 2 | .. | .. | 2 | 1 | 3 | 1 | 1 | 17 |
| (*172-175*) | *Homicides.* | | | | | | | | | | | | | |
| 172 | Infanticide (under one year). | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 173 | Homicide by firearms .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| 174 | Homicide by cutting or piercing instruments .. .. | 4 | 1 | 4 | 4 | 4 | 10 | 2 | 3 | 5 | 2 | 4 | 4 | 47 |
| 175 | Homicides by other means .. | 1 | 3 | 2 | 1 | 2 | 2 | .. | 2 | 6 | 2 | 1 | .. | 22 |
| (*176-194*) | *Accidental Deaths.* | | | | | | | | | | | | | |
| 176 | Attack by venomous animals. | | | | | | | | | | | | | |
| | (*a*) Hydrophobia .. | 2 | 1 | .. | .. | 3 | 2 | .. | 2 | 3 | 2 | 2 | .. | 17 |
| | (*b*) Snake bite .. .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 2 |
| | (*c*) Attack by other, venomous animals included in 176 .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 177 | Food poisoning .. .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| 178 | Accidental absorption of irrespirable or poisonous gas. | | | | | | | | | | | | | |
| | (*a*) Carbon monoxide .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| | (*b*) Marsh gas or Sewer gas .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*c*) Chloroform .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*d*) Accidental absorption of any other irrespirable or poisonous gas included in 178 . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 179 | Other acute accidental poisoning (not by gas) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | (*a*) Salvarsan and other organic preparation of arsenic .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| | (*b*) Other acute accidental poisoning not by gas included in 179 .. | 1 | .. | 4 | .. | 1 | 3 | 4 | 1 | 1 | 1 | 1 | .. | 17 |

## Table No. 12—*concluded.*

TABLE of DEATHS by Causes and Months in 1937—*concluded.*

| Classification No. | Specific Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *XVII.—Deaths from Violence* —contd. | | | | | | | | | | | | | |
| 180 | Conflagration .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 181 | Accidental burns (conflagration excepted) .. .. | 15 | 10 | 14 | 10 | 6 | 6 | 1 | 5 | 7 | 8 | 10 | 21 | 113 |
| 182 | Accidental mechanical suffocation .. .. .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 1 | 1 | .. | 1 | 5 |
| 183 | Accidental drowning.. .. | .. | 1 | 1 | 4 | 1 | .. | 3 | 5 | 1 | 3 | .. | .. | 19 |
| 184 | Accidental injury by firearms | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| 185 | Accidental injury by cutting or piercing instruments .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... |
| 186 | Accidental injury by fall, crushing, etc. .. .. | 20 | 21 | 21 | 20 | 30 | 21 | 18 | 15 | 26 | 28 | 24 | 27 | 271 |
| 187 | Cataclysm .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... |
| 188 | Injury by animals (poisoning by venomous animals excepted) .. .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 189 | Hunger or thirst .. .. | 2 | 2 | 3 | 1 | 4 | .. | 3 | 1 | 1 | .. | 3 | 7 | 27 |
| 190 | Excessive cold .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| 191 | Excessive heat .. .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 2 |
| 192 | Lightning .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 193 | Electricity (lightning excepted) .. .. .. | 1 | .. | 1 | .. | .. | 1 | 2 | .. | .. | .. | 1 | 1 | 7 |
| 194 | Other and unstated forms of accidental violence— | | | | | | | | | | | | | |
| | 1. Inattention at birth .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 2. Other causes included under 194 .. .. | 4 | 2 | 6 | 4 | 4 | 5 | 7 | 7 | 6 | 3 | 6 | 3 | 57 |
| 195 | Violent deaths of unstated nature (*i.e.*, accidental, suicide, etc.) .. .. | 2 | 3 | 4 | 10 | 5 | 4 | 8 | 6 | 1 | 11 | 5 | 4 | 63 |
| 196 | Wounds of War .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... |
| 197 | Execution of civilians by belligerant armies .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 198 | Execution .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (199-200) | *XVIII.—Ill-defined diseases.* | | | | | | | | | | | | | |
| 199 | Sudden death.. .. .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 1 | .. | 1 | 4 |
| 200 | Cause of death unstated or ill-defined— | | | | | | | | | | | | | |
| | 1. Heart failure .. .. | 54 | 46 | 44 | 41 | 39 | 28 | 40 | 46 | 44 | 47 | 52 | 39 | 520 |
| | 2 : *a* Fever not defined .. | 16 | 12 | 11 | 15 | 24 | 23 | 6 | 16 | 18 | 18 | 11 | 21 | 191 |
| | 2 : *b* Other ill-defined causes .. .. | 17 | 20 | 5 | 10 | 17 | 16 | 14 | 15 | 11 | 11 | 27 | 12 | 185 |
| | 3. Cause not specified .. | 3 | 1 | 2 | 2 | 1 | 1 | 4 | 1 | 3 | 5 | 3 | .. | 26 |

# Table No. 13.

DEATHS among Infants by Causes, Months and Ages in 1937.

| Cause of Deaths. | Total. | Months. | | | | | | | | | | | | Ages. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Under 1 week. | 1 to 4 weeks. | 4 weeks to 6 months. | 6 to 12 months. |
| 38a. Malaria .. .. .. | 4 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 2 | 1 | .. | .. | 1 | 1 | 2 |
| 38b. Ague and Remittent Fever .. | 67 | 5 | 4 | 4 | 6 | 5 | 6 | 9 | 8 | 5 | 7 | 4 | 4 | .. | .. | 16 | 51 |
| 6 Small-pox .. .. .. | 165 | 5 | 8 | 13 | 21 | 23 | 16 | 17 | 8 | 5 | 4 | 12 | 33 | .. | 8 | 54 | 103 |
| 7 Measles .. .. .. .. | 54 | 3 | 6 | 3 | 8 | 11 | 4 | 5 | 2 | 1 | 2 | 3 | 6 | .. | .. | 5 | 49 |
| 8 Scarlet Fever .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 9 Whooping Cough .. .. .. | 3 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 2 |
| 10 Diphtheria and Croup .. .. | 11 | 1 | .. | .. | 1 | .. | 1 | .. | 5 | 1 | 2 | .. | .. | .. | .. | 4 | 7 |
| 11 Influenza .. .. .. .. | 13 | 2 | 2 | .. | .. | .. | 4 | 2 | .. | .. | 2 | 1 | .. | 1 | 1 | 5 | 6 |
| 12 Cholera .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13 Dysentery .. .. .. .. | 83 | 5 | 1 | 9 | 3 | 8 | 8 | 10 | 17 | 5 | 6 | 6 | 5 | .. | 2 | 27 | 54 |
| 14 Plague .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 18 Cerebro Spinal Fever .. .. | 4 | 2 | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 1 | 3 |
| 23 Tuberculosis of Respiratory system .. .. .. .. | 4 | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | 4 |
| 24–32 Other Tuberculosis Diseases | 12 | .. | .. | 1 | 5 | 1 | .. | 1 | 2 | .. | .. | 2 | .. | .. | .. | .. | 12 |
| 34 Syphilis .. .. .. .. | 13 | 6 | .. | 3 | 1 | .. | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 7 | 7 | 5 | .. |
| 63 Rickets .. .. .. .. | 108 | 8 | 7 | 13 | 12 | 10 | 8 | 7 | 9 | 8 | 11 | 11 | 4 | .. | .. | 25 | 83 |
| 86(*a*) Convulsions .. .. .. | 560 | 61 | 47 | 52 | 56 | 44 | 48 | 38 | 43 | 37 | 47 | 43 | 44 | 112 | 115 | 228 | 105 |
| 106 Bronchitis .. .. .. | 70 | 4 | 1 | 11 | 9 | 4 | 11 | 7 | 5 | 3 | 6 | 2 | 7 | .. | 6 | 21 | 43 |
| 107-109 Pneumonia (all forms) .. | 3,191 | 174 | 188 | 239 | 303 | 302 | 293 | 424 | 358 | 240 | 211 | 208 | 251 | 20 | 57 | 1,089 | 2,025 |
| 104, 105, 110-114 Other Respiratory Diseases .. .. .. | 18 | 2 | .. | .. | .. | 1 | 2 | .. | 2 | 1 | 3 | 5 | 2 | 11 | 1 | 1 | 5 |
| 118-1 Gasteritis .. .. .. | 3 | .. | .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 3 | .. | .. | .. |
| 119–120 Diarrhoea and Enteritis .. | 558 | 23 | 41 | 38 | 33 | 63 | 54 | 77 | 92 | 42 | 31 | 34 | 30 | 25 | 111 | 189 | 233 |
| 157 Congenital Malformation .. | 5 | .. | .. | 1 | 1 | .. | 1 | .. | 1 | .. | .. | 1 | .. | 5 | .. | .. | .. |
| 158 Atrophy, Debility and Marasmus .. .. .. | 2,454 | 218 | 172 | 184 | 146 | 188 | 157 | 220 | 246 | 203 | 260 | 216 | 244 | 910 | 829 | 583 | 132 |
| 159 Premature-Birth .. .. | 906 | 94 | 60 | 55 | 64 | 54 | 60 | 64 | 102 | 79 | 93 | 85 | 96 | 701 | 191 | 12 | 2 |
| 160 Injury at Birth .. .. .. | 5 | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | 2 | .. | 5 | .. | .. | .. |
| 161(*a*) Atelectasis .. .. .. | 22 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 3 | 20 | 2 | . | . |
| 200–2(*b*) Suffocation Over-Lying .. | 3 | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 1 | .. | 3 | .. | .. | .. |
| 200-2(*a*) G Fever not defined .. | 59 | 7 | 1 | 5 | 5 | 6 | 7 | 1 | 7 | 6 | 6 | 3 | 5 | 2 | 12 | 19 | 26 |
| Other Causes .. .. | 287 | 29 | 24 | 35 | 21 | 22 | 13 | 30 | 30 | 23 | 23 | 15 | 22 | 25 | 11 | 85 | 166 |
| Total .. | **8,688** | **651** | **567** | **670** | **697** | **745** | **695** | **919** | **944** | **664** | **720** | **658** | **758** | **1,850** | **1,354** | **2,371** | **3,113** |

**Table**

DEATHS by Causes by

| No. in Short List. | Corresponding No. in detailed List. | Causes of Deaths. Castes. / Sex. | Jains. | | Brahmins. | | Lingaits. | | Bhatias. | | Banias. | | Hindus of other Caste. | | Hindus, Low Caste. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male. | Female | Male. | Female | Male. | Female | Male. | Female | Male. | Female | Male. | Female | Male. | Female. |
| 1 | 1-2 | Tyhpoid & Para Typhoid Fevers. | 11 | 4 | 41 | 19 | ... | ... | 2 | 4 | 20 | 11 | 86 | 40 | 4 | 1 |
| 2 | 7 | Measles ... ... ... ... | 1 | .. | 9 | 18 | 2 | 2 | ... | ... | 4 | 2 | 37 | 54 | 33 | 29 |
| 3 | 8 | Scarlet Fever ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 4 | 9 | Whooping Cough ... ... | .. | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... |
| 5 | 10 | Diphtheria ... ... ... | ... | 2 | 6 | 4 | ... | ... | ... | ... | 2 | 2 | 10 | 8 | 1 | 2 |
| 6 | 11 | Influenza ... ... ... ... | 1 | ... | 4 | 8 | ... | ... | .. | ... | 2 | 2 | 15 | 8 | 1 | 1 |
| 7 | 17 | Encephalitis Lethargica ... | .. | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 4 | 1 | 1 | ... |
| 8 | 18 | Cerebro Spinal Fever ... ... | 2 | 2 | 8 | 3 | .. | ... | ... | ... | 4 | 1 | 58 | 16 | 3 | 4 |
| 9 | 23 | Tuberculosis of Respiratory System. | 4 | 13 | 26 | 44 | 11 | 14 | 1 | 4 | 9 | 27 | 394 | 346 | 57 | 90 |
| 10 | 24-32 | Other Tuberculous Diseases ... | 8 | 8 | 13 | 19 | .. | 2 | ... | .. | 3 | 9 | 46 | 61 | 13 | 11 |
| 11 | 34 | Syphilis .. .. .. .. | ... | ... | 1 | 1 | ... | ... | ... | ... | 2 | 2 | 9 | 4 | 3 | 1 |
| 12 | 80 & 83 | General Paralysis of the Insane, Tabes Dorsalis. | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... |
| 13 | 45-53 | Cancer, Malignant Diseases ... | 7 | 3 | 11 | 18 | ... | ... | 1 | 2 | 11 | 4 | 59 | 31 | 7 | 4 |
| 14 | 59 | Diabetes ... ... ... ... | 1 | ... | 11 | 3 | ... | ... | 1 | ... | 4 | ... | 9 | 5 | ... | ... |
| 15 | 82 | Cerebral Hæmorrhage, etc. ... | 4 | 7 | 31 | 6 | ... | ... | 2 | 4 | 8 | 3 | 67 | 36 | .. | 2 |
| 16 | 90-95 | Heart Disease ... ... ... | 11 | ... | 28 | 11 | .. | ... | 3 | ... | 13 | 3 | 60 | 24 | 6 | 3 |
| 17 | 96 | Aneurysm ... ... ... ... | .. | ... | 1 | ... | ... | ... | ... | ... | .. | ... | 10 | ... | 1 | ... |
| 18 | 97-103 | Other Circulatory Diseases ... | 1 | ... | 3 | .. | ... | ... | 1 | ... | 3 | ... | 26 | 9 | 3 | 4 |
| 19 | 106 | Bronchitis ... ... ... | 2 | .. | 18 | 12 | 2 | 4 | 2 | .. | 7 | 3 | 188 | 122 | 74 | 57 |
| 20 | 107-109 | Pneumonia (all forms) ... | 101 | 69 | 292 | 253 | 70 | 81 | 24 | 10 | 143 | 128 | 2,375 | 1,924 | 997 | 941 |
| 21 | 104, 105, 110-114 | Other Respiratory Diseases ... | 14 | 6 | 25 | 10 | 12 | 3 | 2 | .. | 13 | 12 | 386 | 222 | 106 | 92 |
| 22 | 117 | Peptic Ulcer ... ... ... | 1 | ... | 1 | ... | ... | ... | 2 | ... | ... | ... | 8 | .. | 1 | .. |
| 23 | 119-120 | Diarrhœa and Enteritis ... | 9 | 14 | 41 | 51 | 5 | 4 | 2 | 5 | 25 | 18 | 244 | 207 | 72 | 81 |
| 24 | 121 | Appendicitis ... ... ... | 1 | 1 | 3 | ... | ... | ... | ... | ... | 1 | ... | 16 | 5 | 3 | 1 |
| 25 | 124 | Cirrhosis of Liver ... ... | 3 | 1 | 14 | 7 | .. | ... | 1 | 1 | 8 | 2 | 41 | 8 | 3 | 1 |
| 26 | 125-127 | Other Diseases of Liver, etc. ... | 3 | 2 | 11 | 4 | ... | ... | 1 | 1 | 3 | 4 | 29 | 14 | 4 | 1 |
| 27 | 115,116,118,122, 123, 128, 129, | Other Digestives Diseases ... | 5 | ... | 8 | 7 | 1 | ... | 1 | 3 | 5 | 7 | 60 | 31 | 6 | 5 |
| 28 | 130-133 | Acute and Chronic Nephritis ... | 2 | 2 | 13 | 9 | 3 | 2 | 4 | 1 | 7 | 1 | 42 | 32 | 6 | 5 |
| 29 | 140, 145 | Puerperal Sepsis ... ... | ... | 2 | ... | 5 | ... | ... | ... | ... | ... | 2 | ... | 26 | ... | 3 |
| 30 | 141-144, 146-150 | Other Puerperal Causes ... ... | ... | 3 | .. | 5 | ... | 1 | ... | 2 | ... | 3 | ... | 50 | ... | 15 |
| 31 | 157-161 | Cong. Debility, Premature Birth, Malformation, etc. | 22 | 20 | 92 | 64 | 40 | 31 | 5 | 9 | 55 | 34 | 863 | 716 | 325 | 261 |
| 32 | 162 | Senility .. .. .. .. | 10 | 19 | 51 | 48 | 11 | 14 | 8 | 12 | 21 | 29 | 414 | 574 | 114 | 182 |
| 33 | 163-171 | Suicide ... ... ... ... | 4 | 1 | 7 | 1 | ... | ... | 1 | 3 | 1 | 3 | 41 | 13 | 6 | 3 |
| 34 | 172-198 | Other Violence .. .. ... | 5 | 8 | 22 | 24 | 2 | ... | 1 | 4 | 18 | 15 | 234 | 80 | 37 | 25 |
| 35 | 6 | A Small-pox ... ... ... | 1 | 1 | 24 | 31 | 4 | 9 | 1 | ... | 5 | 4 | 212 | 181 | 43 | 50 |
| | 14 | B Plague ... .. ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | .. | ... | ... | ... |
| | 39a | C Kala-Azar ... ... ... | .. | ... | ... | ... | .. | ... | | ... | ... | ... | 2 | .. | ... | ... |
| | 38a | D Malaria ... ... ... ... | 3 | ... | 3 | 7 | ... | ... | ... | ... | 2 | 1 | 29 | 11 | ... | 1 |
| | 38b | E Ague and Remittent Fever | 9 | 7 | 21 | 23 | 9 | 9 | ... | ... | 13 | 13 | 328 | 375 | 123 | 125 |
| | 4 | F Relapsing Fever ... ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | 200 : 2a | G Fever not defined ... ... | 6 | 3 | 14 | 12 | 1 | ... | 1 | 2 | 6 | 7 | 40 | 28 | 13 | 18 |
| | 12 | H Cholera ... ... ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... |
| | 13 | J Dysentery ... ... ... | 6 | 5 | 27 | 27 | 2 | 1 | 2 | 2 | 6 | 7 | 141 | 86 | 34 | 50 |
| | 33 | K Leprosy ... ... ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 19 | 4 | ... | ... |
| | | L Other defined Diseases ... | 38 | 49 | 121 | 117 | 19 | 21 | 18 | 12 | 64 | 65 | 726 | 822 | 180 | 279 |
| 36 | 199, 200 | Causes ill-defined or unknown | 20 | 10 | 35 | 18 | 4 | ... | 7 | 1 | 18 | 9 | 191 | 81 | 25 | 21 |
| | | *Still-born* ... | *25* | *17* | *93* | *74* | *14* | *11* | *7* | *9* | *51* | *33* | *587* | *479* | *182* | *123* |
| | | Total. Males ... | 316 | | 1,038 | | 198 | | 94 | | 506 | | 7,519 | | 2,305 | |
| | | Total. Females ... | | 262 | | 890 | | 198 | | 82 | | 433 | | 6,257 | | 2,369 |

## No. 14.

Sex and Caste in 1937.

| Mussulmans. | | Parsees. | | Jews. | | Innian Christians, | | Anglo-Indians. | | Europeans. | | Buddhists. | | Other and unknown Castes. | | All Races. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Total. |
| 24 | 14 | 15 | 6 | 2 | 2 | 22 | 13 | ... | 2 | 1 | ... | .. | ... | ... | ... | 228 | 116 | 344 |
| 3 | 10 | ... | 1 | ... | 1 | 2 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | 91 | 120 | 211 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | .. |
| ... | 3 | ... | 1 | .. | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 7 | 8 |
| 4 | 5 | 1 | .. | 1 | ... | 2 | 4 | ... | 1 | ... | ... | ... | ... | ... | ... | 27 | 28 | 55 |
| 3 | 1 | 4 | 4 | 1 | ... | 4 | 6 | 1 | 1 | 1 | ... | ... | ... | ... | ... | 37 | 31 | 68 |
| ... | ... | 2 | 1 | ... | ... | 1 | ... | .. | ... | ... | ... | ... | ... | ... | ... | 9 | 2 | 11 |
| 37 | 6 | 3 | 2 | ... | ... | 2 | 3 | 1 | ... | 1 | ... | ... | .. | ... | ... | 119 | 37 | 156 |
| 259 | 306 | 7 | 5 | 2 | 4 | 68 | 60 | 4 | 3 | 4 | ... | 6 | .. | ... | ... | 852 | 916 | 1,768 |
| 22 | 33 | 2 | ... | 1 | 1 | 8 | 8 | 1 | .. | ... | .. | ... | ... | ... | ... | 117 | 152 | 269 |
| 6 | 4 | ... | ... | 1 | ... | 2 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 25 | 13 | 38 |
| ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 42 | 15 | 11 | 14 | 1 | 7 | 19 | 12 | 4 | 2 | 4 | 4 | ... | ... | ... | ... | 177 | 116 | 293 |
| 16 | 4 | 16 | 30 | 1 | .. | 5 | 6 | ... | 2 | 1 | ... | ... | ... | ... | ... | 65 | 50 | 115 |
| 42 | 25 | 21 | 17 | 1 | 4 | 18 | 21 | 2 | 4 | 2 | 1 | ... | ... | ... | ... | 198 | 130 | 328 |
| 45 | 10 | 42 | 25 | 3 | 3 | 13 | 8 | 2 | 2 | 7 | 3 | 3 | ... | ... | ... | 236 | 92 | 328 |
| 4 | ... | ... | ... | ... | ... | 4 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 21 | ... | 21 |
| 8 | 3 | 7 | 5 | 1 | 1 | 5 | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | 59 | 25 | 84 |
| 108 | 63 | 2 | 7 | 1 | 1 | 11 | 11 | 1 | ... | 1 | ... | ... | ... | ... | ... | 417 | 280 | 697 |
| 759 | 577 | 54 | 28 | 24 | 12 | 144 | 139 | 8 | 9 | 1 | 2 | 7 | 1 | 1 | ... | 5,000 | 4,174 | 9,174 |
| 244 | 137 | 15 | 15 | 4 | 6 | 25 | 17 | ... | 2 | ... | 2 | ... | ... | ... | ... | 846 | 524 | 1,370 |
| 6 | 2 | .. | ... | ... | ... | 2 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 23 | 2 | 25 |
| 75 | 65 | 25 | 33 | 10 | 3 | 59 | 59 | 1 | 2 | 1 | 1 | 1 | ... | ... | 1 | 570 | 544 | 1,114 |
| 7 | ... | 3 | 1 | ... | ... | 3 | 2 | 1 | ... | 1 | .. | ... | ... | ... | ... | 39 | 10 | 49 |
| 8 | 6 | 3 | 1 | 1 | ... | 3 | ... | 1 | ... | ... | ... | .. | ... | ... | ... | 86 | 27 | 113 |
| 16 | 3 | 4 | 5 | 2 | ... | 2 | 1 | ... | ... | ... | ... | .. | ... | ... | ... | 75 | 35 | 110 |
| 23 | 12 | 7 | 9 | ... | ... | 11 | 9 | .. | 3 | 3 | 1 | ... | ... | ... | ... | 130 | 87 | 217 |
| 28 | 12 | 32 | 18 | 1 | 3 | 14 | 17 | 5 | 4 | 3 | 1 | ... | 1 | ... | ... | 160 | 108 | 268 |
| ... | 8 | ... | 1 | ... | ... | ... | 1 | ... | 1 | ... | ... | .. | ... | ... | ... | ... | 49 | 49 |
| ... | 26 | ... | 3 | ... | 1 | .. | 5 | ... | 1 | .. | ... | .. | 1 | ... | ... | ... | 116 | 116 |
| 282 | 222 | 26 | 20 | 8 | 4 | 156 | 145 | 2 | 5 | 1 | 2 | 2 | 3 | 3 | 2 | 1,882 | 1,538 | 3,420 |
| 230 | 226 | 41 | 52 | 5 | 12 | 13 | 29 | 1 | ... | .. | 3 | ... | 1 | ... | ... | 919 | 1,201 | 2,120 |
| 11 | 4 | 8 | ... | ... | ... | 3 | 1 | ... | ... | ... | ... | 1 | 1 | ... | ... | 83 | 30 | 113 |
| 84 | 35 | 21 | 10 | 1 | 1 | 15 | 8 | 1 | 2 | 8 | 2 | 1 | ... | 6 | 8 | 456 | 222 | 678 |
| 39 | 39 | 4 | 2 | ... | 1 | 17 | 18 | .. | ... | 1 | ... | 1 | ... | ... | ... | 352 | 336 | 688 |
| ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 5 | 5 | 1 | ... | 1 | 1 | 1 | ... | .. | ... | 1 | ... | 1 | ... | ... | ... | 47 | 26 | 73 |
| 94 | 127 | ... | ... | 1 | 1 | 4 | 16 | ... | ... | .. | ... | ... | .. | ... | ... | 602 | 696 | 1,298 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... |
| 8 | 6 | 4 | 3 | ... | 2 | 8 | 7 | ... | ... | .. | .. | 2 | .. | .. | ... | 103 | 88 | 191 |
| 1 | 1 | .. | ... | ... | ... | ... | .. | ... | ... | .. | .. | ... | .. | .. | .. | 2 | 2 | 4 |
| 58 | 20 | 8 | 8 | 4 | 1 | 20 | 22 | 7 | 2 | ... | ... | 1 | 1 | .. | .. | 316 | 232 | 548 |
| 3 | ... | ... | ... | ... | .. | .. | 1 | ... | ... | .. | .. | .. | .. | .. | .. | 23 | 5 | 28 |
| 300 | 376 | 61 | 44 | 7 | 8 | 65 | 58 | 3 | 6 | 4 | 7 | 2 | 1 | ... | ... | 1,608 | 1,865 | 3,473 |
| 110 | 44 | 25 | 21 | 2 | 3 | 43 | 22 | 3 | 6 | 3 | 3 | 2 | ... | 5 | 3 | 493 | 242 | 735 |
| *242* | *182* | *33* | *22* | *8* | *3* | *62* | *55* | *3* | *1* | *1* | *1* | ... | ... | *12* | *10* | *1,320* | *1,020* | *2,340* |
| **3,014** | | **475** | | **87** | | **794** | | **50** | | **51** | | **32** | | **15** | | **16,494** | | |
| | **2,455** | | **392** | | **83** | | **737** | | **60** | | **32** | | **10** | | **14** | | **14,274** | **30,768** |

## Table No. 15.

TABLE showing by Race the Rate of Mortality per 1,000 of population from different Causes of Deaths in 1937.

| Race or Caste. | Small-pox. | Measles. | Plague. | Scarlet Fever. | Kala-Azar. | Enteric Fever. | Malaria. | Ague and Remit tent Fever. | Relapsing Fever. | Influenza. | Cholera. | Diarrhœa and Enteritis | Dysentery. | Tuberculous Diseases. | Respiratory Diseases | Accidents. | All other Causes. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hindus, Low Caste | 0·9 | 0·6 | ..... | ..... | ..... | 0·0 | 0·0 | 2·4 | ..... | 0·0 | .... | 1·4 | 0·8 | 1·7 | 22·0 | 0·7 | 14·7 | 45·3 |
| Hindus of all other Castes | 0·7 | 0·2 | ..... | ..... | ..... | 0 3 | 0·1 | 1 2 | ..... | 0 1 | 0·0 | 0·9 | 0·4 | 1·5 | 9 3 | 0·7 | 10·1 | 25·5 |
| Hindus, all Castes | 0·7 | 0·2 | ..... | ..... | ..... | 0·3 | 0·1 | 1·3 | ..... | 0·1 | 0·0 | 1·0 | 0·5 | 1·5 | 11·0 | 0·7 | 10·6 | 28·0 |
| Mussalmans | 0·3 | 0·0 | ..... | ..... | ..... | 0·1 | 0·0 | 1·1 | ..... | 0·0 | 0·0 | 0·7 | 0·3 | 3·0 | 9·0 | 0·6 | 10·7 | 26·1 |
| Parsees | 0·1 | 0·0 | ..... | ..... | ..... | 0·4 | 0·0 | ..... | ..... | 0·1 | ..... | 1·0 | 0·3 | 0·2 | 2·1 | 0·7 | 10·1 | 15·0 |
| Jews | 0·1 | 0·1 | ..... | ..... | ..... | 0·5 | 0·2 | 0·2 | ..... | 0·1 | ..... | 1·5 | 0·6 | 0·9 | 5·6 | 0·2 | 9·6 | 19 7 |
| Christians | 0·5 | 0·1 | ..... | ..... | ..... | 0·5 | 0·0 | 0·3 | ..... | 0·2 | ..... | 1·8 | 0·7 | 2·2 | 5·4 | 0·4 | 11·6 | 23·8 |
| Anglo-Indians | ... | ..... | ..... | ..... | ..... | 0·3 | .... | .... | ..... | 0·3 | ..... | 0·4 | 1·3 | 1·1 | 2·8 | 0·4 | 8·9 | 15·6 |
| Europeans | 0·1 | ..... | ..... | ..... | ..... | 0·1 | 0·1 | ..... | ..... | 0·1 | ..... | 0·2 | ..... | 0·4 | 0·6 | 1·1 | 6·0 | 8·8 |
| Buddhists | 0·6 | ..... | ..... | ..... | ..... | ..... | 0·6 | ..... | ..... | .... | ... | 0·6 | 1·2 | 3·7 | 4·9 | 1·8 | ·3 | 25·8 |
| Other and Unknown Castes | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0·9 | ..... | ..... | 0·9 | 12·6 | 1·7 | 26 1 |
| TOTAL | 0·6 | 0·2 | ..... | ..... | ..... | 0·3 | 0·1 | 1·1 | ..... | 0·1 | 0·0 | 1·0 | 0·5 | 1·8 | 9·7 | 0·7 | 10·6 | 26·5 |

**Table**

Deaths in different Hospitals from Principal Causes in

| Serial No. | HOSPITALS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Typhoid & Paratyphoid Fever (1, 2). | Measles (7). | Scarlet Fever (8). | Whooping Cough (9). | Diphtheria (10). | Influenza (11). | Encephalitis Lethargica (17). | Cerebro-Spinal Fever (18). | Tuberculosis of Respiratory System (23) | Other Tuberculous Diseases (24-32). | Syphilis (34). | General Paralysis of the Insane, Tabes Dorsalis (80, 83). | Cancer, Malignant Diseases (45-53). | Diabetes (59). | Cerebral Hæmorrhage, etc. (82). | Heart Disease (90-95). | Aneurysm (96). | Other Circulatory Diseases (97-109). | Bronchitis (106). | Pneumonia (all forms) (107-109). | Other Respiratory Diseases (104, 105, 110-114). | Peptic Ulcer (117). | Diarrhœa and Enteritis (119-120). | Appendicitis (121). | Cirrhosis of Liver (124). |
| 1 | Adams Wylie Memorial Hospital. | ... | ... | ... | ... | ... | ... | ... | ... | 2 | .. | ... | ... | 1 | ... | 1 | 7 | ... | ... | 7 | 16 | 1 | ... | 4 | ... | ... |
| 2 | Albless-Cama Hospital ... | 7 | 1 | ... | ... | ... | 4 | .. | ... | 8 | 4 | 4 | ... | 4 | .. | 1 | 4 | .. | ... | 4 | 36 | 4 | .. | 34 | ... | 1 |
| 3 | Arthur Road Hospital ... | 21 | 5 | ... | ... | 46 | 1 | .. | 140 | 1 | 12 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 21 | ... | .. | 13 | 1 | ... |
| 4 | Bai Jerbai Wadia Hospital for Children. | 14 | ... | ... | .. | ... | ... | ... | 1 | 11 | 33 | 2 | 1 | ... | ... | ... | 1 | .. | 3 | ... | 124 | 7 | ... | 71 | ... | 3 |
| 5 | Bai Motlabai & Sir D. M. Petit Hospital. | ... | 1 | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | 4 | ... | ... | 1 | .. | 1 | ... | 6 | 1 | ... | 3 | ... | 1 |
| 6 | Bai Yamunabai L. Nair Hospital. | 8 | ... | ... | ... | ... | .. | .. | ... | 7 | 2 | 1 | ... | 5 | ... | ... | 4 | . | 2 | 2 | 15 | 4 | 1 | 10 | 1 | 2 |
| 7 | Bhatia General Hospital .. | ... | ... | .. | ... | ... | .. | . | ... | 2 | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | 2 | 4 | 2 | ... | ... | ... |
| 8 | B. D. Petit Parsee General Hospital. | 15 | ... | ... | .. | ... | ... | 2 | 1 | 7 | 1 | ... | ... | 5 | 14 | 10 | 17 | ... | 2 | 1 | 17 | 17 | ... | 5 | ... | 1 |
| 9 | Byramji Jijeebhoy Hospital for Children. | 9 | ... | ... | ... | ... | ... | .. | ... | 9 | 22 | 3 | ... | ... | ... | ... | ... | .. | 1 | ... | 92 | 3 | .. | 38 | 1 | 2 |
| 10 | Colaba Station Hospital (Military). | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | ... | 1 | 1 | 1 | ... | ... | 1 | ... | ... |
| 11 | Goculdas Tejpal Hospital ... | 9 | ... | ... | ... | ... | 5 | 2 | 1 | 52 | 13 | 3 | ... | 10 | 2 | 8 | 14 | 2 | 2 | 2 | 86 | 13 | 3 | 6 | 7 | 3 |
| 12 | King Edward VII Memorial Hospital. | 79 | ... | ... | ... | 1 | 1 | .. | 1 | 24 | 42 | 5 | ... | 53 | 4 | 41 | 23 | 5 | 14 | 15 | 202 | 43 | 4 | 30 | 10 | 23 |
| 13 | Matunga Leper Asylum ... | ... | ... | ... | .. | ... | .. | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | .. |
| 14 | Maratha Hospital ... ... | ... | ... | .. | ... | ... | ... | ... | ... | 527 | 1 | ... | ... | 1 | ... | ... | ... | .. | ... | ... | ... | ... | ... | .. | ... | ... |
| 15 | Marine Lines Hospital (Military.) | ... | ... | ... | .. | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | . | ... | ... | ... | ... | ... | ... | ... | ... |
| 16 | Masina Hospital ... ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | .. | ... | ... | ... | 2 | .. | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... |
| 17 | Municipal Maternity Homes.. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 1 | ... | ... | ... | .. | ... | ... | 1 | ... | ... | .. | ... | ... |
| 18 | Nowroji Wadia Maternity Hospital. | ... | ... | ... | ... | ... | .. | ... | ... | 1 | 1 | ... | .. | 1 | 1 | 1 | 1 | .. | 3 | ... | 19 | 3 | 1 | 31 | ... | ... |
| 19 | Other Private Maternity Homes. | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 4 | ... | ... | 2 | 4 | .. | .. | 2 | 1 | 12 | 2 | ... | 32 | 2 | ... |
| 20 | Other Private Hospitals ... | 3 | ... | ... | ... | 2 | 1 | ... | ... | 4 | 2 | ... | ... | 1 | 5 | 2 | 3 | 1 | 1 | .... | 10 | 2 | .. | 1 | 2 | ... |
| 21 | Parsee Lying-in Hospital ... | ... | ... | ... | .. | ... | .. | ... | ... | ... | ... | ... | .. | ... | ... | ... | .. | ... | ... | ... | .. | ... | ... | ... | ... | ... |
| 22 | Police Hospital ... ... | 1 | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | 1 | ... | ... | ... | ... | ... |
| 23 | Sir Harkisandas Narottamdas Hospital. | 22 | ... | ... | .. | ... | .. | ... | ... | 1 | 13 | ... | ... | 5 | 2 | 11 | 8 | ... | 1 | ... | 29 | 7 | .. | 4 | ... | 1 |
| 24 | Sir J. J. Hospital .. .. | 12 | ... | ... | ... | ... | ... | 2 | ... | 136 | 30 | 3 | ... | 41 | 11 | 38 | 20 | 3 | 14 | 15 | 147 | 41 | 6 | 23 | 4 | 17 |
| 25 | St. Joseph's Foundling Home | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | 6 | ... | ... |
| 26 | St. George's Hospital ... ... | 4 | ... | ... | ... | ... | 4 | ... | 1 | 10 | 1 | 1 | ... | 7 | 3 | 4 | 3 | 1 | 1 | 1 | 12 | 4 | 3 | 6 | 3 | 2 |
| | Total ... | 205 | 8 | .. | .. | 49 | 16 | 6 | 146 | 804 | 177 | 28 | 1 | 141 | 48 | 121 | 108 | 12 | 48 | 50 | 852 | 156 | 20 | 318 | 31 | 56 |

## No. 16.

the City of Bombay, during the year 1937.

| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | | | | | | | | | 36 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Other defined diseases. | | | | | | | | | | | | | |
| Other Diseases of Liver, etc. (125-127). | Other Digestive Diseases (115, 116, 118, 122, 123, 128, 129). | Acute & Chronic Nephritis (130-132). | Puerperal Sepsis (140, 145). | Other Puerperal Causes (141-144, 146-150). | Congenital Debility, Premature Birth, Malformations, etc. (157-161). | Senility (162). | Suicide (163-171). | Other Violence (172-198). | A. Small-pox (6). | B. Plague (14). | C. Kala Azar (39a). | D. Malaria (38a). | E. Ague and Remittent Fever (38b). | F. Relapsing Fever (4). | G. Fever not defined (200:2a). | H. Cholera (12). | J. Dysentery (13). | K. Leprosy (33). | L. Other Defined Diseases | Causes ill-defined or unknown (199-200). | Still-born. | Total. |
| 2 | .. | ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | .. | ... | .. | ... | ... | 1 | ... | 3 | 1 | ... | 49 |
| 1 | 4 | 2 | 7 | 23 | 233 | .. | ... | ... | 3 | ... | ... | .. | ... | ... | 3 | ... | 6 | 1 | 33 | 5 | *308* | 437 |
| ... | ... | ... | 1 | ... | 4 | ... | | 1 | 118 | ... | ... | .. | ... | ... | ... | 4 | 11 | 1 | 11 | .. | *8* | 413 |
| 1 | 7 | 5 | ... | ... | 20 | ... | ... | 4 | ... | .. | ... | ... | ... | ... | ... | ... | 52 | ... | 62 | 12 | .. | 434 |
| ... | 4 | 2 | 4 | 9 | 101 | 1 | ... | ... | 2 | .. | ... | ... | .. | ... | ... | ... | ... | | 8 | ... | *91* | 151 |
| 2 | 3 | 5 | 1 | 1 | 10 | ... | ... | ... | .... | ... | ... | .. | ... | .. | 1 | ... | 2 | | 17 | 23 | *13* | 134 |
| ... | ... | 2 | 2 | ... | 10 | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | 4 | 2 | *2* | 32 |
| ... | 4 | 8 | ... | 1 | .. | 3 | ... | 8 | ... | ... | ... | .. | ... | ... | ... | ... | 2 | ... | 27 | 1 | .. | 169 |
| 3 | 3 | 3 | ... | ... | 33 | ... | ... | ... | ... | ... | ... | .. | ... | ... | 1 | .. | 22 | 1 | 40 | 14 | ... | 300 |
| ... | ... | 2 | ... | ... | 1 | ... | ... | .. | ... | ... | .. | .. | ... | ... | ... | ... | ... | .. | ... | ... | .. | 10 |
| 7 | 8 | 8 | ... | ... | 5 | ... | ... | 1 | ... | ... | ... | 3 | ... | ... | ... | .. | 10 | ... | 49 | 25 | *2* | 359 |
| 21 | 54 | 21 | 2 | 1 | 8 | 1 | 1 | 22 | 1 | ... | ... | 10 | ... | ... | 3 | ... | 49 | ... | 224 | 101 | *1* | 1,139 |
| ... | ... | ... | ... | .. | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | | 2 | ... | .. | 2 |
| ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 530 |
| ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | .. |
| ... | 2 | 2 | 1 | 1 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | 1 | *5* | 16 |
| ... | .. | 1 | ... | 2 | 110 | ... | ... | .. | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 19 | 2 | *146* | 139 |
| 5 | 3 | 1 | 8 | 24 | 290 | . | .. | 1 | 1 | ... | ... | 1 | ... | ... | 7 | ... | ... | ... | 33 | 4 | *332* | 441 |
| ... | 3 | 3 | 1 | 6 | 158 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | 6 | ... | 31 | 4 | *275* | 280 |
| 1 | 1 | 3 | ... | 3 | 30 | .. | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 3 | ... | 8 | 5 | *20* | 97 |
| ... | ... | ... | ... | 1 | 6 | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | *15* | 7 |
| 1 | ... | ... | .. | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 4 |
| ... | 10 | 5 | ... | 3 | 17 | ... | ... | 1 | ... | ... | ... | 1 | ... | .. | 19 | ... | 2 | ... | 30 | 19 | *18* | 211 |
| 15 | 25 | 28 | 1 | ... | 2 | 8 | ... | 5 | ... | ... | ... | 3 | ... | ... | ... | ... | 37 | ... | 156 | 76 | *1* | 919 |
| ... | ... | ... | ... | ... | 77 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | ... | ... | 90 |
| ... | 5 | 7 | 1 | 2 | 7 | 2 | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | 4 | | 10 | 4 | 2 | 113 |
| **59** | **136** | **108** | **29** | **77** | **1,128** | **19** | **1** | **43** | **125** | **..** | **..** | **21** | **1** | **...** | **37** | **4** | **208** | **4** | **771** | **304** | *1,239* | **6,476** |

# Table No. 17.

TABLE of DEATHS by Ages, Sexes and Causes in 1937.

| No. in Short List. | Corresponding No. in Detailed List. | Causes of deaths. | Under 7 days. | | 1-4 Weeks. | | 4 Weeks to 6 Months. | | 6-12 Months. | | 1-2 Years. | | 2-5 Years. | | 5-10 Years. | | 10-15 Years. | | 15-20 Years. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. |
| 1 | 1–2 | Typhoid and Para Typhoid Fevers .. | .. | .. | .. | .. | .. | 2 | 3 | 4 | 4 | 2 | 5 | 8 | 15 | 19 | 24 | 16 | 28 | 17 |
| 2 | 7 | Measles .. .. .. .. .. | .. | .. | .. | .. | 1 | 4 | 19 | 30 | 28 | 41 | 38 | 29 | 3 | 9 | .. | 2 | 1 | .. |
| 3 | 8 | Scarlet Fever .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4 | 9 | Whooping Cough .. .. .. .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | .. | 2 | .. | 2 | .. | 1 | .. | .. | .. | .. |
| 5 | 10 | Diphtheria .. .. .. .. .. | .. | .. | .. | .. | 1 | 3 | 4 | 3 | 6 | 3 | 10 | 12 | 4 | 6 | 1 | .. | .. | .. |
| 6 | 11 | Influenza .. .. .. .. .. | .. | 1 | 1 | .. | 3 | 2 | 1 | 5 | 2 | 1 | .. | 1 | 1 | 1 | .. | 1 | 4 | |
| 7 | 17 | Encephalitis Lethargica .. .. .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| 8 | 18 | Cerebro Spinal Fever .. .. .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | 1 | 2 | 6 | 3 | 3 | 6 | 7 | 2 | 12 | 3 |
| 9 | 23 | Tuberculosis of Respiratory System .. | .. | .. | .. | .. | .. | .. | 1 | 3 | 4 | 5 | 6 | 5 | 5 | 8 | 3 | 33 | 44 | 108 |
| 10 | 24–32 | Other Tuberculous diseases .. .. | .. | .. | .. | .. | .. | .. | 5 | 7 | 12 | 9 | 23 | 10 | 13 | 10 | 3 | 14 | 4 | 10 |
| 11 | 34 | Syphilis .. .. .. .. .. | 3 | 4 | 5 | 2 | 2 | 3 | .. | .. | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12 | 80 & 83 | General Paralysis of the insane, Tabes dorsalis .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13 | 45–53 | Cancer, Malignant diseases .. .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 1 | .. | 2 | .. | 2 | .. |
| 14 | 59 | Diabetes .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 2 | .. |
| 15 | 82 | Cerebral Hæmorrhage, etc. .. .. | 2 | 2 | 2 | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | 1 | .. | 1 | 1 | 1 | .. |
| 16 | 90–95 | Heart Diseases .. .. .. .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | 1 | 2 | 2 | 3 | .. | 2 | 2 |
| 17 | 96 | Aneurysm .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 18 | 97–103 | Other Circulatory diseases .. .. | 2 | .. | 1 | .. | .. | 1 | 1 | .. | .. | 1 | 3 | 4 | 1 | .. | .. | 1 | 1 | 1 |
| 19 | 106 | Bronchitis .. .. .. .. .. | .. | .. | 4 | 2 | 15 | 6 | 29 | 14 | 40 | 26 | 30 | 30 | 15 | 15 | 2 | 4 | 2 | 5 |
| 20 | 107–109 | Pneumonia (all forms) .. .. .. | 9 | 11 | 29 | 28 | 565 | 524 | 1,048 | 977 | 967 | 1,024 | 684 | 687 | 181 | 242 | 73 | 69 | 78 | 68 |
| 21 | 104, 105, 110–114. | Other Respiratory diseases .. .. | 6 | 5 | 1 | .. | 1 | .. | 4 | 1 | 3 | 2 | 5 | 2 | 4 | 1 | 1 | 5 | 3 | 5 |
| 22 | 117 | Peptic Ulcer .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 23 | 119–120 | Diarrhœa and Enteritis .. .. .. | 14 | 11 | 58 | 53 | 99 | 90 | 116 | 117 | 98 | 102 | 33 | 44 | 13 | 13 | 4 | 3 | 8 | 3 |
| 24 | 121 | Appendicitis .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | 1 | .. | 2 | 2 |
| 25 | 124 | Cirrhosis of Liver .. .. .. .. | .. | .. | .. | 1 | .. | .. | 2 | .. | 7 | 7 | 15 | 8 | 1 | 2 | 1 | .. | .. | .. |
| 26 | 125–127 | Other Diseases of Liver, etc. .. .. | .. | 1 | .. | .. | .. | .. | 3 | .. | 6 | 5 | 6 | 5 | 1 | 2 | .. | .. | 3 | .. |
| 27 | 115, 116, 118, 122, 123, 128 & 129. | Other Digestive Diseases .. .. | 1 | 2 | 2 | 1 | 5 | 3 | 3 | 2 | 3 | 3 | 5 | 3 | 3 | 5 | 5 | 2 | 2 | 4 |
| 28 | 130–132 | Acute and Chronic Nephritis .. .. | .. | .. | .. | 1 | 2 | .. | 4 | .. | .. | 2 | 7 | 6 | 7 | 6 | 1 | 2 | 2 | 7 |
| 29 | 140, 145 | Puerperal Sepsis .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| 30 | 141-144, 146-150. | Other Puerperal Causes .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| 31 | 157–161 | Cong. debility, Premature birth, malformation, etc. | 956 | 685 | 558 | 464 | 295 | 300 | 54 | 80 | 16 | 8 | 3 | 1 | .. | .. | .. | .. | .. | .. |
| 32 | 162 | Senility .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 33 | 163–171 | Suicide .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 |
| 34 | 172–198 | Other Violence .. .. .. .. | 7 | 8 | .. | .. | 2 | 1 | 5 | 3 | 3 | 8 | 19 | 18 | 25 | 27 | 20 | 11 | 19 | 34 |
| 35 | 6 | *A.* Small-pox .. .. .. .. | .. | .. | 7 | 1 | 30 | 24 | 39 | 64 | 48 | 54 | 54 | 69 | 39 | 34 | 14 | 9 | 23 | 20 |
| | 14 | *B.* Plague .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 39*a* | *C.* Kala-Azar .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 38*a* | *D.* Malaria .. .. .. .. | .. | .. | 1 | .. | 1 | .. | .. | 2 | 1 | .. | 6 | 2 | 6 | 1 | 2 | 1 | 4 | 3 |
| | 38*b* | *E.* Ague and Remittent Fever .. | .. | .. | .. | .. | 7 | 9 | 28 | 23 | 25 | 19 | 42 | 43 | 30 | 68 | 20 | 33 | 32 | 48 |
| | 4 | *F.* Relapsing Fever .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 200 : 2*a* | *G.* Fever not defined .. .. .. | 1 | 1 | 3 | 9 | 7 | 12 | 13 | 13 | 9 | 3 | 12 | 9 | 6 | 6 | 3 | 4 | 4 | 1 |
| | 12 | *H.* Cholera .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| | 13 | *J.* Dysentery .. .. .. .. | .. | .. | .. | 2 | 13 | 14 | 35 | 19 | 45 | 32 | 41 | 52 | 18 | 17 | 5 | 3 | 4 | 10 |
| | 33 | *K.* Leprosy .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | *L.* Other defined diseases .. .. | 68 | 37 | 66 | 48 | 182 | 134 | 170 | 144 | 190 | 234 | 194 | 240 | 64 | 53 | 36 | 43 | 29 | 92 |
| | | Causes Ill-defined or Unknown .. .. | 6 | 7 | 2 | 2 | 3 | 1 | 4 | 3 | 18 | 24 | 20 | 13 | 5 | 4 | 5 | 11 | 4 | 4 |
| 36 | | All Ages .. Males .. | 1,075 | .. | 740 | .. | 1,234 | .. | 1,595 | .. | 1,539 | .. | 1,271 | .. | 468 | .. | 238 | .. | 322 | .. |
| | | All Ages .. Females .. | .. | 775 | .. | 614 | .. | 1,137 | .. | 1,518 | .. | 1,622 | .. | 1,308 | .. | 561 | .. | 271 | .. | 464 |
| | | All Ages .. Persons .. | 1,850 | | 1,354 | | 2,371 | | 3,113 | | 3,161 | | 2,579 | | 1,029 | | 509 | | 786 | |

## Table No. 17—*continued.*

TABLE of DEATHS by Ages, Sexes and Causes in 1937—*continued.*

| No. in Short List. | Corresponding No. in Detailed List. | Causes of deaths. | 20-30 Years. | | 30-40 Years. | | 40-50 Years. | | 50-60 Years. | | 60 and Over. | | Age Unspecified. | | Total. | | Persons. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| 1 | 1–2 | Typhoid and Para Typhoid Fevers | 79 | 32 | 41 | 7 | 19 | 3 | 9 | 5 | 1 | 1 | .. | .. | 228 | 116 | 344 |
| 2 | 7 | Measles | 1 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 91 | 120 | 211 |
| 3 | 8 | Scarlet Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4 | 9 | Whooping Cough | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 7 | 8 |
| 5 | 10 | Diphtheria | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 28 | 55 |
| 6 | 11 | Influenza | 5 | 4 | 7 | 4 | 4 | 3 | 4 | 1 | 5 | 4 | .. | .. | 37 | 31 | 68 |
| 7 | 17 | Encephalitis Lethargica | 2 | .. | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | .. | 9 | 2 | 11 |
| 8 | 18 | Cerebro Spinal Fever | 34 | 13 | 33 | 4 | 18 | 1 | 3 | .. | 1 | .. | .. | .. | 119 | 37 | 156 |
| 9 | 23 | Tuberculosis of Respiratory System | 234 | 398 | 256 | 236 | 185 | 79 | 79 | 27 | 35 | 14 | .. | .. | 852 | 916 | 1,768 |
| 10 | 24–32 | Other Tuberculous diseases | 16 | 54 | 17 | 19 | 16 | 8 | 7 | 8 | 1 | 3 | .. | .. | 117 | 152 | 269 |
| 11 | 34 | Syphilis | 3 | .. | 3 | 1 | 6 | .. | 1 | .. | 1 | .. | .. | .. | 25 | 13 | 38 |
| 12 | 80–83 | General Paralysis of the insane, Tabes dorsalis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13 | 45–53 | Cancer, Malignant diseases | 6 | 6 | 21 | 17 | 50 | 28 | 50 | 28 | 44 | 36 | .. | .. | 177 | 116 | 293 |
| 14 | 59 | Diabetes | .. | 2 | 4 | 3 | 14 | 10 | 27 | 8 | 17 | 25 | .. | .. | 65 | 50 | 115 |
| 15 | 82 | Cerebral Hæmorrhage, etc. | 5 | 7 | 13 | 9 | 40 | 14 | 53 | 28 | 79 | 67 | .. | .. | 198 | 130 | 328 |
| 16 | 90–95 | Heart Diseases | 15 | 15 | 29 | 12 | 50 | 17 | 54 | 11 | 79 | 31 | .. | .. | 236 | 92 | 328 |
| 17 | 96 | Aneurysm | .. | .. | 8 | .. | 7 | .. | 5 | .. | 1 | .. | .. | .. | 21 | .. | 21 |
| 18 | 97–103 | Other Circulatory diseases | 2 | 2 | 6 | 2 | 14 | 3 | 11 | 5 | 17 | 5 | .. | .. | 59 | 25 | 84 |
| 19 | 106 | Bronchitis | 20 | 16 | 43 | 24 | 50 | 22 | 83 | 54 | 84 | 62 | .. | .. | 417 | 280 | 697 |
| 20 | 107–109 | Pneumonia (all forms) | 359 | 194 | 319 | 149 | 315 | 73 | 188 | 60 | 185 | 68 | .. | .. | 5,000 | 4,174 | 9,174 |
| 21 | 104, 105, 110–114 | Other Respiratory diseases | 29 | 23 | 80 | 41 | 177 | 68 | 228 | 149 | 304 | 222 | .. | .. | 846 | 524 | 1,370 |
| 22 | 117 | Peptic Ulcer | 3 | 1 | 3 | 1 | 7 | .. | 5 | .. | 5 | .. | .. | .. | 23 | 2 | 25 |
| 23 | 119–120 | Diarrhœa and Enteritis | 14 | 25 | 27 | 17 | 30 | 15 | 26 | 11 | 30 | 40 | .. | .. | 570 | 544 | 1,114 |
| 24 | 121 | Appendicitis | 11 | 5 | 13 | 2 | 8 | .. | 2 | .. | .. | .. | .. | .. | 39 | 10 | 49 |
| 25 | 124 | Cirrhosis of Liver | 11 | 1 | 19 | 2 | 16 | 1 | 11 | 4 | 3 | 1 | .. | .. | 86 | 27 | 113 |
| 26 | 125–127 | Other Diseases of Liver, etc. | 9 | 12 | 23 | 3 | 11 | 5 | 6 | 1 | 7 | 1 | .. | .. | 75 | 35 | 110 |
| 27 | 115, 116, 118, 122, 123, 128 & 129. | Other Digestive Diseases | 20 | 14 | 18 | 20 | 24 | 12 | 17 | 9 | 22 | 7 | .. | .. | 130 | 87 | 217 |
| 28 | 130–132 | Acute and Chronic Nephritis | 16 | 11 | 8 | 14 | 26 | 10 | 26 | 15 | 61 | 34 | .. | .. | 160 | 108 | 268 |
| 29 | 140, 145 | Puerperal Sepsis | .. | 29 | .. | 12 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 49 | 49 |
| 30 | 141-144, 146-150 | Other Puerperal Causes | .. | 63 | .. | 40 | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 116 | 116 |
| 31 | 157–161 | Cong. debility, Premature birth, malformation, etc. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,882 | 1,538 | 3,420 |
| 32 | 162 | Senility | .. | .. | .. | .. | 3 | 1 | 50 | 59 | 866 | 1,141 | .. | .. | 919 | 1,201 | 2,120 |
| 33 | 163–171 | Suicide | 38 | 14 | 22 | 10 | 15 | .. | 4 | 4 | 2 | .. | .. | .. | 83 | 30 | 113 |
| 34 | 172–198 | Other Violence | 127 | 36 | 99 | 27 | 54 | 10 | 44 | 14 | 32 | 25 | .. | .. | 456 | 222 | 678 |
| 35 | 6 | *A.* Small-pox | 76 | 42 | 17 | 9 | 4 | 4 | 1 | 3 | .. | 3 | .. | .. | 352 | 336 | 688 |
| | 14 | *B.* Plague | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 39*a* | *C.* Kala-Azar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 38*a* | *D.* Malaria | 8 | 10 | 9 | 1 | 4 | 2 | 2 | 3 | 3 | 1 | .. | .. | 47 | 26 | 73 |
| | 38*b* | *E.* Ague and Remittent Fever | 124 | 184 | 126 | 145 | 104 | 69 | 45 | 37 | 19 | 18 | .. | .. | 602 | 696 | 1,298 |
| | 4 | *F.* Relapsing Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 200: 2*a* | *G.* Fever not defined | 14 | 14 | 11 | 6 | 8 | 3 | 7 | 2 | 5 | 5 | .. | .. | 103 | 88 | 191 |
| | 12 | *H.* Cholera | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | 4 |
| | 13 | *J.* Dysentery | 36 | 19 | 39 | 24 | 35 | 15 | 26 | 14 | 19 | 11 | .. | .. | 316 | 232 | 548 |
| | 33 | *K.* Leprosy | 6 | 1 | 8 | 2 | 2 | 1 | 5 | .. | 2 | 1 | .. | .. | 23 | 5 | 28 |
| | | *L.* Other defined diseases | 147 | 375 | 188 | 249 | 121 | 116 | 74 | 59 | 79 | 41 | .. | .. | 1,608 | 1,865 | 3,473 |
| 36 | 199,200 | Causes Ill-defined or Unknown | 30 | 28 | 75 | 30 | 132 | 31 | 95 | 27 | 94 | 57 | .. | .. | 493 | 242 | 735 |
| | | All Ages — Males | 1,502 | .. | 1,587 | .. | 1,571 | .. | 1,249 | .. | 2,103 | .. | .. | .. | 16,494 | .. | 30,768 |
| | | All Ages — Females | .. | 1,654 | .. | 1,146 | .. | 634 | .. | 646 | .. | 1,924 | .. | .. | .. | 14,274 | .. |
| | | All Ages — Persons | 3,156 | | 2,733 | | 2,205 | | 1,895 | | 4,027 | | .. | | 30,768 | | .. |

**Table**

DEATHS by CAUSES and

| Number of | | Nature of Occupation. | CAUSES OF | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1–200 | 23 | 45–53 | 56 | 58 | 59 | 75 | 77 | 78–89 |
| Order. | Groups. | | All Causes. | Tuberculosis of Respiratory System. | Cancer Malignant Disease. | Rheumatic Fever. | Gout. | Diabetes. | Alcoholism. | Plumbism (Lead Poisoning.) | Disease of the Nervous System. |
| | | PRODUCTION OF RAW MATERIALS—CLASS A (I & II.) | | | | | | | | | |
| 1 | 1–16 | Pasture, Agriculture, Farm labourers, &c. .. | 120 | 6 | 3 | .. | .. | 1 | .. | .. | 4 |
| 2 | 17–18 | Fishing and hunting .. .. .. .. .. | 16 | 1 | .. | .. | .. | .. | .. | .. | .. |
| 3 | 19–21 | Mines, metallic minerals, coal, &c., and Petroleum wells. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4 | 22 | Quarries of hard rocks .. .. .. .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| 5 | 23–24 | Salt works, extraction of saltpetre, alum, &c. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | III.—INDUSTRY. | | | | | | | | | |
| 6 | 25–27 | Textiles, cotton mills, workers in cotton .. .. | 272 | 35 | 1 | .. | .. | .. | .. | .. | 1 |
| | 28 | Jute spinning, weaving, &c. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 29–30 | Rope, twine, and string making, workers in other fibres. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31–33 | Woollen mills, blankets, carpets, &c... .. .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| | 34–36 | Workers in silk and hair (camel, horse, &c.) .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| | 37 | Dyeing, bleaching, calico printing, &c. .. .. | 8 | 1 | .. | .. | .. | .. | .. | .. | .. |
| | 38 | Other textiles and millhands, weavers, &c., insufficiently described. | 676 | 78 | 2 | 1 | .. | 1 | .. | .. | 8 |
| 7 | 39–42 | Furriers, workers in leather, bone, &c. .. .. | 26 | 4 | .. | .. | .. | .. | .. | .. | .. |
| 8 | 43–45 | Sawyers, carpenters, basket makers, &c. .. .. | 138 | 24 | 1 | .. | .. | .. | .. | .. | .. |
| 9 | 46–48 | Workers in iron, makers of guns, &c. .. .. | 31 | 4 | .. | .. | .. | .. | .. | .. | .. |
| | 49 | Workers in brass, Copper and bell metal .. .. | 18 | 2 | .. | .. | .. | .. | .. | .. | .. |
| | 50 | Workers in lead, quicksilver and other metals .. | 28 | 5 | .. | .. | .. | .. | .. | .. | .. |
| | 51 | Workers in mints, die-sinkers, &c. .. .. .. | 4 | .. | .. | .. | .. | 1 | .. | .. | 1 |
| 10 | 52–57 | Workers in ceramics, glass, pottery, porcelain, bricks, &c. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11 | 58 | Making of matches and explosives .. .. .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| | 59 | Making of ærated waters and ice .. .. .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| | 60 | Making of dyes, paints and ink .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 61–62 | Making, refining vegetable and mineral oils .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 63 | Making of paper, papier maché, &c. .. .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | 64 | Making of soap, candles, perfumes, drugs .. .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| 12 | 65–72 | Bakers, butchers, fish-curers, flour-grinders, makers of other food. | 49 | 4 | .. | .. | .. | 1 | .. | .. | .. |
| | 73–74 | Brewers, distillers, toddy drawers .. .. .. | 20 | .. | 1 | .. | .. | 2 | .. | .. | .. |
| | 75 | Making of tobacco, opium and ganja .. .. | 75 | 22 | 2 | .. | .. | .. | .. | .. | .. |
| 13 | 76–79 | Tailors, &c., makers of umbrellas, boots, hats and other articles of dress. | 164 | 25 | 2 | .. | .. | .. | .. | .. | 3 |
| | 80 | Washing, cleaning and dyeing clothes .. .. | 81 | 12 | 2 | .. | .. | .. | .. | .. | 6 |
| | 81–82 | Barbers and other industries connected with the toilet. | 54 | 5 | .. | 1 | .. | .. | .. | .. | 1 |
| 14 | 83–84 | Furniture, cabinet, tent-makers, carriage painters, upholsterers, &c. | 16 | 2 | .. | .. | .. | .. | .. | .. | .. |
| 15 | 85–88 | Building industries, lime burners, excavators, stone cutters, &c. | 53 | 2 | .. | 1 | .. | 1 | .. | .. | 2 |
| | 89 | House decorators, builders, painters, plumbers, tilers, &c. | 52 | 6 | .. | 1 | .. | .. | .. | .. | .. |
| 16 | 90–92 | Makers of vehicles, ships, aeroplanes, &c. .. .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| 17 | 93 | Gas works and electric light .. .. .. .. | 33 | 2 | .. | .. | .. | .. | .. | .. | .. |
| | 94 | Printers, lithographers, engravers, &c. .. .. | 73 | 8 | .. | .. | .. | .. | .. | .. | .. |
| 18 | 95–97 | Book-binders, makers of musical instruments, clocks, &c. | 12 | 5 | .. | .. | .. | .. | .. | .. | 2 |
| | 98–100 | Workers in jewellery, necklaces, toys, &c. .. .. | 48 | 2 | 1 | .. | .. | .. | .. | .. | 1 |
| | 101–102 | Employés (not actors) in theatres, race-courses, contractors, &c. | 4 | .. | .. | .. | .. | .. | .. | .. | 2 |
| | 103 | Sweepers, scavengers, &c. .. .. .. .. | 136 | 10 | 2 | .. | .. | .. | .. | .. | .. |
| | | IV.—TRANSPORT. | | | | | | | | | |
| 19 | 104 | Persons (not makers) concerned with aerodromes and aeroplanes. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| 20 | 105–110 | Persons employed in transport by water .. .. | 136 | 19 | 4 | 1 | .. | .. | .. | .. | .. |
| 21 | 111–112 | Persons employed on construction, &c., of roads and bridges. | 12 | 2 | .. | .. | .. | 1 | .. | .. | 3 |
| | 113–114 | Managers and employers connected with vehicles .. | 65 | 11 | 1 | .. | .. | .. | .. | .. | 1 |
| | 115–116 | Bullock, ass, &c., owners and drivers .. .. | 69 | 9 | 2 | .. | .. | .. | .. | .. | 1 |
| | 117 | Porters and messengers .. .. .. .. | 6 | .. | .. | .. | .. | .. | .. | .. | 3 |
| 22 | 118 | Railway employés (other than labourers) .. .. | 57 | 4 | 1 | .. | .. | .. | .. | .. | .. |
| | 119 | Labourers and coolies of railways .. .. .. | 58 | 5 | .. | .. | .. | 1 | .. | .. | 1 |
| 23 | 120 | Post, Telegraph and Telephone services .. .. | 28 | 2 | .. | .. | .. | 1 | .. | .. | 1 |
| | | | | | | | .. | .. | .. | .. | 1 |

* Excluding intervening numbers in preceding columns.

## No. 18.

OCCUPATIONS in 1937.

| DEATH. | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90–95 | 96 | 97–103 | 104–114 | 122A. | 124–127 | 115–129 | 130–132 | 133–139 | 163–171 | 172–193 | | | Population by the Census of 1931. | |
| Valvular Disease of the Heart. | Aneurism. | Other Diseases of the Circulatory System.* | Disease of the Respiratory System. | Hernia. | Disease of the Liver. | Other Diseases of the Digestive System.* | Bright's Disease. | Other Diseases of the Urinary System. | Suicide. | Accidents. | All other Causes. | Death rate per 1,000 of actual workers by the Census of 1931. | Actual workers. | |
| 4 | .. | 2 | 35 | 1 | 5 | 5 | .. | 2 | 3 | 11 | 38 | 14.6 | 8,237 | |
| .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | 1 | 8 | 6.5 | 2,453 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 86 | |
| .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 3 | 272.7 | 22 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 969 | |
| .. | 1 | .. | 109 | .. | 2 | 7 | .. | .. | 1 | 4 | 111 | | 11,959 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | 77 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | | 82 | |
| .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 8.3 | 24 | |
| .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 2 | | 12 | |
| .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 4 | | 934 | |
| 6 | 1 | 1 | 286 | 3 | 4 | 23 | 4 | 1 | 6 | 28 | 223 | | 445 | |
| 1 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | 1 | 12 | 19.1 | 1,354 | |
| 4 | 2 | 1 | 46 | .. | .. | 8 | .. | 1 | 3 | 7 | 41 | 21.5 | 6,418 | |
| .. | .. | .. | 13 | .. | 1 | .. | .. | .. | .. | 5 | 8 | 20.0 | 1,550 | |
| 2 | .. | 1 | 8 | .. | .. | .. | .. | .. | .. | 1 | 4 | 63.8 | 282 | |
| 2 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 9 | 21.0 | 1,330 | |
| 2 | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 78.4 | 51 | |
| .. | .. | .. | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | 4.5 | 667 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10.4 | 96 | |
| 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 28.1 | 71 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | | | |
| .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 1 | 1 | 20.8 | 240 | |
| 3 | .. | .. | 18 | .. | .. | 2 | 1 | .. | .. | 5 | 15 | 21.3 | 2,299 | |
| 2 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | 2 | 5 | 47.4 | 422 | |
| 2 | .. | .. | 25 | .. | 1 | 4 | 1 | .. | .. | 2 | 16 | 198.9 | 377 | |
| 12 | .. | .. | 48 | .. | 1 | 3 | 2 | 2 | .. | 8 | 58 | 10.1 | 16,192 | |
| 3 | .. | .. | 28 | .. | 3 | .. | 1 | .. | .. | .. | 26 | 14.5 | 5,588 | |
| 3 | .. | 1 | 18 | .. | .. | 3 | 1 | .. | .. | 2 | 19 | 17.6 | 3,068 | |
| 1 | .. | .. | 7 | .. | .. | .. | .. | .. | .. | 1 | 5 | 13.6 | 1,179 | |
| 4 | .. | .. | 13 | .. | .. | 1 | 1 | .. | .. | 5 | 25 | | | |
| 2 | .. | .. | 22 | .. | .. | 1 | .. | 2 | .. | 2 | 14 | 31.1 | 3,371 | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1.3 | 771 | |
| 5 | .. | .. | 12 | .. | .. | 1 | .. | .. | 1 | 4 | 8 | 27.4 | 1,205 | |
| 1 | 1 | 1 | 19 | .. | .. | 1 | 1 | .. | 1 | 5 | 33 | 33.6 | 2,171 | |
| 1 | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | 13.1 | 914 | |
| 5 | .. | .. | 13 | .. | .. | 1 | .. | 1 | 4 | 1 | 18 | 20.7 | 2,316 | |
| .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 2.1 | 1,889 | |
| 16 | .. | .. | 48 | .. | .. | 1 | 1 | 1 | .. | 6 | 51 | 22.7 | 5,996 | |
| .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 22.2 | 45 | |
| 4 | .. | 2 | 43 | .. | 1 | 3 | 1 | 1 | 1 | 18 | 34 | 6.5 | 20,996 | |
| .. | .. | .. | 4 | .. | .. | 1 | .. | .. | .. | .. | 4 | 9.8 | 1,222 | |
| 2 | .. | 1 | 28 | .. | .. | 1 | 1 | .. | .. | 1 | 18 | .. | 88 | |
| .. | .. | .. | 28 | .. | .. | 1 | .. | .. | .. | 3 | 23 | 7.9 | 8,714 | |
| .. | .. | .. | 4 | .. | .. | .. | 1 | .. | .. | 1 | .. | 1.2 | 4,953 | |
| 1 | 1 | .. | 18 | .. | 1 | .. | 1 | .. | .. | 3 | 25 | 5.6 | 10,152 | |
| .. | .. | .. | 23 | .. | .. | 1 | .. | 1 | .. | 6 | 20 | 18.2 | 3,192 | |
| 1 | 1 | 1 | 6 | .. | .. | .. | 3 | .. | .. | 1 | 12 | 20.5 | 1,366 | |

# Table

DEATHS by CAUSES and

| Number of | | Nature of Occupation. | CAUSES OF | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1–200 | 23 | 45–53 | 56 | 58 | 59 | 75 | 77 | 78–89 |
| Order. | Groups. | | All Causes. | Tuberculosis of Respiratory System. | Cancer Malignant Disease. | Rheumatic Fever. | Gout. | Diabetes. | Alcoholism. | Plumbism (Lead Poisoning.) | Disease of the Nervous System. |
| | | V.—Trade. | | | | | | | | | |
| 24–25 | 121–122 | Bank managers, money lenders, brokers, agents, &c. and employés. | 129 | 5 | 4 | .. | .. | 3 | .. | .. | 4 |
| 26–31 | 123–128 | Traders (not makers) in various wares .. .. | 165 | 7 | 14 | 1 | .. | 7 | .. | .. | 8 |
| 32 | 129–130 | Vendors of wine, liquors, ærated waters, hotel managers and servants. | 210 | 28 | 1 | .. | .. | 2 | .. | .. | 6 |
| 33 | 131–139 | Dealers in food-stuffs, fish, milk, oil, sugar, &c. .. | 226 | 16 | 5 | .. | .. | .. | .. | .. | 5 |
| 34–36 | 140–143 | Trade in clothing, toilet, furniture, building materials | 43 | 6 | 2 | .. | .. | .. | .. | .. | 2 |
| 37 | 144–146 | Trade in means of transport, hirers of horses, etc. .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. |
| 38 | 147 | Dealers in firewood, charcoal and other fuel .. | 12 | 2 | .. | .. | .. | .. | .. | .. | .. |
| 39 | 148–150 | Dealers in jewellery, bangles, books, stationery, &c. | 28 | 2 | 2 | .. | .. | .. | .. | .. | .. |
| 40 | 151 | Dealers in rags, stable refuse, &c. .. .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 |
| | 152–153 | Store and shopkeepers not defined, pedlars and hawkers. | 101 | 26 | 1 | .. | .. | .. | .. | .. | .. |
| | 154 | All other Trades .. .. .. .. | 241 | 23 | 6 | .. | .. | 2 | .. | .. | 2 |
| | | VI.—Public Force. | | | | | | | | | 3 |
| 41 | 155–156 | Army .. .. .. .. .. .. .. | 6 | 1 | 1 | .. | .. | 1 | .. | .. | .. |
| 42 | 157 | Navy .. .. .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 43 | 158 | Air force .. .. .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 44 | 159–160 | Police and village watchmen .. .. .. .. | 51 | 3 | 1 | .. | .. | .. | .. | .. | .. |
| | | VII.—Public Administration. | | | | | | | | | |
| 45 | 161–164 | Service of the State, Indian, Foreign and Municipal not assigned to any other group. | 34 | 2 | 1 | .. | .. | 1 | .. | .. | .. |
| | | VIII.—Professions and Liberal Arts. | | | | | | | | | |
| 46 | 165 | Priests, ministers, &c. .. .. .. .. .. | 48 | 2 | .. | .. | .. | .. | .. | .. | 2 |
| | 166 | Religious mendicants, inmates of monasteries, &c. .. | 38 | 2 | 1 | .. | .. | 1 | .. | .. | .. |
| | 167–168 | Church and mission, temple, burial or burning ground service. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| 47 | 169–170 | Lawyers, all kinds and their clerks .. .. .. | 19 | .. | 1 | .. | .. | 3 | .. | .. | 2 |
| 48 | 171 | Medical practitioners, all kinds of veterinary surgeons, dentists. | 31 | 3 | 1 | .. | .. | .. | .. | .. | 1 |
| | 172 | Midwives, vaccinators, compounders, nurses .. | 11 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| 49 | 173–174 | Professors, teachers and educational clerks .. .. | 38 | 3 | .. | .. | .. | 3 | .. | .. | 4 |
| 50 | 175–179 | Scribes, architects, authors, editors, music composers, &c. | 52 | 2 | .. | .. | .. | 1 | .. | .. | 3 |
| | | IX.—Persons living principally on their income. | | | | | | | | | |
| 51 | 180 | Persons living on rent, watans, pensions, &c. .. | 134 | 2 | 9 | .. | .. | 1 | .. | .. | 12 |
| | | X.—Domestic Service. | | | | | | | | | |
| 52 | 181–183 | Cooks, doorkeepers, grooms, motor drivers, &c. .. | 358 | 40 | 7 | 1 | .. | .. | .. | .. | 8 |
| | | XI.—Insufficiently described Occupations. | | | | | | | | | |
| 53 | 184 | Manufacturers, businessmen unspecified .. .. | 41 | 2 | 1 | .. | .. | 2 | .. | .. | 2 |
| | 185 | Cashiers, accountants, clerks otherwise unspecified.. | 232 | 31 | 6 | 1 | .. | 6 | .. | .. | 6 |
| | 186 | Mechanics otherwise unspecified .. .. .. | 90 | 14 | 1 | 1 | .. | 2 | .. | .. | 3 |
| | 187 | Labourers and workmen otherwise unspecified .. | 679 | 68 | 5 | .. | .. | .. | .. | .. | 8 |
| | | XII.—Unproductive. | | | | | | | | | |
| 54 | 188 | Inmates of jails, asylums, hospitals and alms houses. | 9 | 1 | .. | .. | .. | .. | .. | .. | .. |
| 55 | 189 | Beggars and vagrants .. .. .. .. .. | 187 | 16 | .. | .. | .. | .. | .. | .. | 2 |
| | 190 | Procurers and prostitutes .. .. .. .. | 7 | 1 | .. | .. | .. | .. | .. | .. | .. |
| | 191 | Other unclassified unproductive occupation .. | 24,860 | 1138 | 197 | 20 | .. | 70 | .. | .. | 987 |
| | | Children and others following no occupation .. | | | | | | | | | |
| | | Total .. | 30,768 | 1,768 | 293 | 29 | .. | 115 | .. | .. | 1,114 |

* Excluding intervening numbers in preceding columns.

## No. 18—*concluded.*

OCCUPATIONS in 1937—*concluded.*

| DEATH. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90–95 Valvular Disease of the Heart. | 96 Aneurism. | 97–103 Other Diseases of the Circulatory System*. | 104–114 Disease of the Respiratory System. | 122A. Hernia. | 124–127 Disease of the Liver. | 115–129 Other Diseases of the Digestive System.* | 130–132 Bright's Disease. | 133–139 Other Diseases of the Urinary System. | 163–171 Suicide. | 172–193 Accidents. | All other Causes. | Death rate per 1,000 of actual workers by the Census of 1931. | Population by the Census of 1931. Actual workers. |
| 10 | .. | 3 | 38 | .. | .. | 7 | 1 | .. | 3 | 3 | 48 | 15.1 | 8,523 |
| 13 | .. | 1 | 46 | .. | .. | 2 | 3 | 2 | .. | 28 | 33 | 65.6 | 2,516 |
| 6 | 2 | .. | 68 | .. | .. | 11 | 1 | 1 | 4 | 12 | 68 | 20.6 | 10,183 |
| 5 | .. | 2 | 83 | 1 | 2 | 2 | 2 | .. | 1 | 16 | 86 | 18.0 | 12,549 |
| 1 | .. | .. | 16 | .. | 1 | 1 | 2 | .. | 1 | .. | 11 | 19.9 | 2,160 |
| .. | .. | .. | 2 | .. | .. | 2 | .. | .. | .. | 1 | 4 | 23.4 | 384 |
| .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | 1 | 5 | 22.5 | 532 |
| 2 | .. | .. | 8 | .. | .. | 3 | .. | .. | 1 | .. | 8 | 28.9 | 970 |
| .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 66.6 | 15 |
| 3 | .. | .. | 28 | .. | 2 | 6 | 2 | .. | .. | 2 | 29 | 1.8 | 45,323 |
| 1 | 1 | .. | 94 | 2 | 3 | 6 | 2 | 3 | 3 | 18 | 74 | 132.5 | 1,819 |
| .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 1 | 1.9 | 3,053 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 674 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| 1 | 1 | 1 | 12 | .. | 2 | 2 | .. | 1 | .. | 7 | 20 | 9.6 | 5,299 |
| 4 | .. | 1 | 10 | .. | .. | 2 | .. | .. | .. | 2 | 11 | 1.0 | 32,284 |
| 4 | .. | .. | 12 | .. | 1 | 2 | 2 | .. | .. | 3 | 20 | 42.5 | 1,155 |
| 2 | .. | .. | 11 | .. | .. | 1 | .. | .. | .. | 1 | 19 | 45.4 | 836 |
| .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 8 | 17.4 | 804 |
| 1 | .. | .. | 3 | .. | .. | .. | 1 | .. | .. | .. | 8 | 11.0 | 1,731 |
| .. | .. | .. | 9 | .. | .. | .. | 3 | .. | 1 | 1 | 12 | 14.9 | 2,080 |
| .. | .. | .. | 2 | .. | 1 | .. | .. | .. | .. | 1 | 4 | 6.5 | 1,684 |
| 1 | .. | 2 | 6 | 1 | 2 | 2 | 1 | .. | .. | 2 | 10 | 9.6 | 3,937 |
| 4 | .. | .. | 16 | .. | 2 | .. | 1 | .. | 2 | 2 | 19 | 6.7 | 7,749 |
| 7 | .. | 1 | 28 | .. | 3 | 3 | 3 | 2 | .. | 1 | 62 | 72.3 | 1,854 |
| 7 | 1 | .. | 118 | .. | 6 | 9 | 1 | .. | 3 | 25 | 132 | 8.9 | 40,259 |
| 3 | .. | 1 | 10 | .. | .. | 2 | 1 | 2 | 1 | 1 | 13 | 6.2 | 6,630 |
| 9 | .. | 2 | 58 | 2 | 10 | 14 | 6 | 1 | 2 | 6 | 72 | 4.4 | 52,424 |
| 2 | 1 | 2 | 27 | .. | 2 | 3 | 3 | .. | .. | 6 | 23 | 18.0 | 4,985 |
| 7 | 1 | 2 | 265 | .. | 3 | 19 | 4 | .. | 5 | 69 | 223 | 10.9 | 61,956 |
| .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 3 | 3 | 43.2 | 208 |
| 1 | .. | .. | 45 | .. | 1 | 10 | 6 | .. | 1 | 28 | 77 | 36.6 | 5,104 |
| .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 2 | 2 | 6.1 | 1,150 |
| 144 | 7 | 54 | 9,241 | 21 | 161 | 1,195 | 202 | 73 | 63 | 301 | 10,986 | .. | 3,116 |
| | | | | | | | | | | | | | 598,341 |
| 328 | 21 | 84 | 11,241 | 32 | 223 | 1,373 | 268 | 99 | 113 | 678 | 12,989 | 26.5 | 1,161,383 |

# Table No. 19.

TABULATION by SECTION of VACCINATIONS done during the year 1937.

| Ward. | | Sections. | Primary Vaccinations. Sex. Male. | Female. | Caste. Christian. | Hindu. | Musalman. | Parsi. | Other Caste. | Age. Under 6 months. | 6 to 12 months. | 1 to 6 years. | 6 years and upwards. | Result. Under 1 Year. Successful. | Failed. | Unknown. | 1 to 6 Years. Successful. | Failed. | Unknown. | 6 Years and Upwards. Successful. | Failed. | Unknown. | Total. | Excess. | Total No. of Revaccinations | Total No. of Insertions made. | Insertions successful. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | Upper Colaba .. | 315 | 362 | 108 | 462 | 73 | 27 | 7 | 211 | 288 | 174 | 4 | 455 | .. | 44 | 144 | .. | 30 | 2 | .. | 2 | 677 | .. | .. | .. | .. |
| ,, | 2 | Middle & Lower Colaba .. | | | | | | | | | | | | | | | | | | | | | | | | | |
| ,, | 3 | Fort, Southern .. | 522 | 500 | 141 | 711 | 61 | 101 | 8 | 360 | 434 | 217 | 11 | 758 | 3 | 33 | 205 | 1 | 11 | 11 | .. | .. | 1,022 | .. | .. | .. | .. |
| ,, | 4 | Fort, Northern .. | | | | | | | | | | | | | | | | | | | | | | | | | |
| ,, | 5 | Esplanade .. | 236 | 187 | 26 | 313 | 74 | 7 | 3 | 136 | 181 | 98 | 8 | 272 | .. | 45 | 77 | 2 | 19 | 3 | .. | 5 | 423 | .. | .. | .. | .. |
| B | 1 | Mandvi .. .. | 394 | 341 | 5 | 559 | 167 | .. | 4 | 169 | 348 | 214 | 4 | 467 | .. | 50 | 199 | .. | 15 | 3 | .. | 1 | 735 | .. | .. | .. | .. |
| ,, | 2 | Chukla .. .. | 297 | 300 | 3 | 148 | 446 | .. | .. | 202 | 269 | 125 | 1 | 446 | .. | 25 | 114 | .. | 11 | .. | .. | 1 | 597 | .. | .. | .. | .. |
| ,, | 3 | Umarkhadi .. | 625 | 597 | 28 | 249 | 907 | .. | 38 | 332 | 529 | 355 | 6 | 832 | .. | 29 | 349 | .. | 6 | 4 | .. | 2 | 1,222 | .. | .. | .. | .. |
| ,, | 4 | Dongri .. .. | 350 | 329 | 16 | 404 | 226 | .. | 33 | 222 | 304 | 152 | 1 | 508 | .. | 18 | 144 | .. | 8 | .. | .. | 1 | 679 | .. | .. | .. | .. |
| C | 1 | Market .. .. | 488 | 469 | 22 | 863 | 69 | 2 | 1 | 276 | 449 | 230 | 2 | 694 | 1 | 30 | 223 | .. | 7 | 2 | .. | .. | 957 | .. | .. | .. | .. |
| ,, | 2 | Dhobi Talao .. | 623 | 633 | 252 | 899 | 36 | 69 | .. | 317 | 600 | 332 | 7 | 872 | 1 | 44 | 296 | 2 | 34 | 5 | .. | 2 | 1,256 | .. | .. | .. | .. |
| ,, | 3 | Fanaswadi .. | 582 | 595 | 47 | 1,096 | 10 | 24 | .. | 309 | 566 | 299 | 3 | 838 | .. | 37 | 278 | 2 | 19 | 3 | .. | .. | 1,177 | .. | .. | .. | .. |
| ,, | 4 | Bhuleshwar .. | 506 | 498 | 3 | 619 | 381 | 1 | .. | 260 | 486 | 257 | 1 | 707 | 2 | 37 | 238 | .. | 19 | 1 | .. | .. | 1,004 | .. | .. | .. | .. |
| ,, | 5 | Khara Talao .. | 310 | 288 | 1 | 61 | 536 | .. | .. | 200 | 291 | 106 | 1 | 468 | .. | 23 | 95 | .. | 11 | 1 | .. | .. | 598 | .. | .. | .. | .. |
| ,, | 6 | Kumbharwada .. | 353 | 356 | 3 | 673 | 32 | 1 | .. | 174 | 367 | 165 | 3 | 517 | .. | 24 | 155 | .. | 10 | 3 | .. | .. | 709 | .. | .. | .. | .. |
| D | 1 | Khetwadi .. | 697 | 745 | 25 | 1,296 | 57 | 63 | 1 | 456 | 630 | 347 | 9 | 1,034 | 3 | 49 | 315 | .. | 32 | 8 | .. | 1 | 1,442 | .. | .. | .. | .. |
| ,, | 2 | Girgaum .. | 924 | 962 | 27 | 1,841 | 11 | 6 | 1 | 481 | 945 | 455 | 5 | 1,363 | 5 | 58 | 421 | 1 | 33 | 5 | .. | .. | 1,886 | .. | .. | .. | .. |
| ,, | 3 | Chowpati .. | 329 | 308 | 15 | 595 | 15 | 12 | .. | 203 | 326 | 106 | 2 | 498 | .. | 31 | 97 | .. | 9 | .. | .. | 2 | 637 | .. | .. | .. | .. |
| ,, | 4 | Walkeshwar .. | 191 | 222 | 22 | 340 | 38 | 13 | .. | 126 | 191 | 96 | .. | 308 | .. | 9 | 92 | .. | 4 | .. | .. | .. | 413 | .. | .. | .. | .. |
| ,, | 5 | Mahalakshmi .. | 554 | 532 | 66 | 894 | 34 | 90 | 2 | 356 | 492 | 233 | 5 | 820 | 2 | 26 | 223 | .. | 10 | 4 | 1 | .. | 1,086 | .. | .. | .. | .. |
| E | 1 | Mazagon .. | 407 | 468 | 136 | 615 | 98 | 17 | 9 | 259 | 367 | 240 | 9 | 605 | 1 | 20 | 237 | .. | 3 | 9 | .. | .. | 875 | .. | .. | .. | .. |
| ,, | 2 | Tarwadi, South and North .. | 721 | 693 | 156 | 1,081 | 110 | 37 | 30 | 400 | 674 | 335 | 5 | 1,014 | 2 | 58 | 312 | 1 | 22 | 5 | .. | .. | 1,414 | .. | .. | .. | .. |
| ,, | 3 | 2nd Nagpada .. | 225 | 234 | 3 | 45 | 398 | .. | 13 | 116 | 225 | 116 | 2 | 317 | 1 | 23 | 106 | 2 | 8 | 2 | .. | .. | 459 | .. | .. | .. | .. |
| ,, | 4 | Kamathipura .. | 574 | 523 | 12 | 923 | 138 | 12 | 12 | 280 | 487 | 320 | 10 | 707 | 1 | 59 | 269 | 3 | 48 | 9 | .. | 1 | 1,097 | .. | .. | .. | .. |
| ,, | 5 | Tardeo .. .. | 539 | 557 | 83 | 719 | 184 | 100 | 10 | 361 | 517 | 216 | 2 | 823 | 1 | 54 | 192 | 1 | 23 | 2 | .. | .. | 1,096 | .. | .. | .. | .. |
| ,, | 6 | Byculla .. .. | 905 | 1,007 | 284 | 1,003 | 530 | 18 | 77 | 499 | 872 | 524 | 17 | 1,229 | 4 | 138 | 442 | 13 | 69 | 6 | 4 | 7 | 1,912 | .. | .. | .. | .. |
| ,, | 7 | 1st Nagpada .. | 108 | 108 | 15 | 97 | 49 | .. | 55 | 74 | 95 | 47 | .. | 162 | .. | 7 | 41 | .. | 6 | .. | .. | .. | 216 | .. | .. | .. | .. |
| F | 1 | Parel .. .. | 817 | 774 | 103 | 1,363 | 72 | 42 | 11 | 433 | 811 | 343 | 4 | 1,122 | 4 | 118 | 308 | 1 | 34 | 3 | .. | 1 | 1,591 | .. | .. | .. | .. |
| ,, | 2 | Sewri .. .. | 274 | 295 | 19 | 509 | 39 | 1 | 1 | 122 | 272 | 170 | 5 | 364 | 3 | 27 | 158 | .. | 12 | 1 | .. | 4 | 569 | .. | .. | .. | .. |
| ,, | 3 | Sion .. .. | 1,467 | 1,417 | 149 | 2,498 | 135 | 84 | 18 | 866 | 1,206 | 789 | 23 | 1,898 | 13 | 161 | 698 | 8 | 83 | 19 | .. | 4 | 2,884 | .. | .. | .. | .. |
| G | 1 | Mahim .. .. | 1,541 | 1,542 | 284 | 2,646 | 142 | 2 | 9 | 843 | 1,466 | 762 | 12 | 2,157 | 4 | 148 | 707 | .. | 55 | 11 | .. | 1 | 3,083 | .. | .. | .. | .. |
| ,, | 2 | Worli .. .. | 1,402 | 1,415 | 113 | 2,573 | 102 | 19 | 10 | 709 | 1,396 | 696 | 16 | 1,945 | .. | 160 | 624 | 3 | 69 | 16 | .. | .. | 2,817 | .. | .. | .. | .. |
| | | Harbour, Docks, Railways and Unknown .. | 328 | 290 | 122 | 344 | 43 | 97 | 12 | 242 | 229 | 147 | .. | 333 | 2 | 136 | 89 | .. | 58 | .. | .. | .. | 618 | .. | ... | .. | .. |
| | | Total .. | 17,604 | 17,547 | 2,289 | 26,439 | 5,213 | 845 | 365 | 9,994 | 16,313 | 8,666 | 178 | 24,533 | 53 | 1,721 | 7,848 | 40 | 778 | 138 | 5 | 35 | 35,151 | .. | 71,957 | 147,320 | 134,707 |

# Table No. 20.

ABSTRACT OF ANNUAL RETURN OF VACCINATION BY THE SUPERINTENDENT OF VACCINATION, BOMBAY, FOR THE YEAR 1937. (By Months).

| Month. | PRIMARY VACCINATIONS. | | | | | | | | | | | | | | | | | | | | | | | | RE-VACCINATIONS. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SEX. | | | CASTE. | | | | | AGE. | | | | | RESULT. | | | | | | | | | | | SEX. | | Results. | |
| | | | | | | | | | | | | | | Under 1 year. | | | 1 to 6 years. | | | 6 years and upwards. | | | Total Results. | | | | | | | |
| | Male | Female. | Total. | Christians. | Hindus. | Mussalmans. | Parsees. | Other Castes. | Under 6 months. | 6 to 12 months. | Total under 1 year. | 1 to 6 years. | 6 years and upwards. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Total. | Male. | Female. | Unknown. | Total. |
| 1937. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... | 2,232 | 2,129 | 4,361 | 238 | 3,007 | 880 | 144 | 32 | 1,206 | 2,12 | 3,329 | 1,022 | 10 | 3,132 | 4 | 193 | 950 | 6 | 66 | 9 | 1 | .. | 4,091 | 11 | 259 | 4,361 | 3,157 | 1,036 | 4,193 | 4,193 |
| February ... | 2,297 | 2,217 | 4,514 | 431 | 3,284 | 617 | 133 | 49 | 1,482 | 1,978 | 3,460 | 1,034 | 20 | 3,137 | 2 | 291 | 904 | 5 | 125 | 18 | .. | 2 | 4,089 | 7 | 418 | 4,514 | 3,402 | 1,077 | 4,479 | 4,479 |
| March ... | 1,879 | 1,916 | 3,795 | 257 | 2,761 | 645 | 96 | 36 | 1,377 | 1,537 | 2,914 | 868 | 13 | 2,678 | 8 | 228 | 770 | .. | 98 | 11 | .. | 2 | 3,459 | 8 | 328 | 3,795 | 3,201 | 961 | 4,162 | 4,162 |
| April ... | 1,246 | 1,273 | 2,519 | 194 | 1,820 | 408 | 56 | 41 | 897 | 1,043 | 1,940 | 569 | 10 | 1,807 | 3 | 130 | 505 | 1 | 63 | 8 | .. | 2 | 2,320 | 4 | 195 | 2,519 | 3,522 | 1,512 | 5,034 | 5,034 |
| May ... | 582 | 650 | 1,232 | 104 | 925 | 182 | 10 | 11 | 381 | 512 | 893 | 328 | 11 | 822 | 5 | 66 | 291 | 4 | 33 | 10 | .. | 1 | 1,123 | 9 | 100 | 1,232 | 1,845 | 610 | 2,455 | 2,455 |
| June ... | 680 | 737 | 1,417 | 100 | 1,129 | 144 | 25 | 19 | 395 | 724 | 1,119 | 286 | 12 | 1,058 | 4 | 57 | 259 | 2 | 25 | 7 | 1 | 4 | 1,324 | 7 | 86 | 1,417 | 1,119 | 392 | 1,511 | 1,511 |
| July ... | 941 | 1,003 | 1,944 | 115 | 1,527 | 218 | 62 | 22 | 416 | 1,076 | 1,492 | 445 | 7 | 1,437 | 3 | 52 | 411 | 8 | 26 | 5 | 2 | .. | 1,853 | 13 | 78 | 1,944 | 1,142 | 332 | 1,474 | 1,474 |
| August ... | 958 | 1,031 | 1,989 | 104 | 1,505 | 319 | 30 | 31 | 425 | 1,159 | 1,584 | 397 | 8 | 1,519 | 8 | 57 | 376 | 3 | 18 | 5 | .. | 3 | 1,900 | 11 | 78 | 1,989 | 1 31 | 336 | 1,267 | 1,267 |
| Septe-mber... | 840 | 905 | 1,745 | 120 | 1,243 | 334 | 34 | 14 | 406 | 940 | 1,346 | 386 | 13 | 1,293 | .. | 53 | 362 | 5 | 19 | 3 | 1 | 9 | 1,658 | 6 | 81 | 1,745 | 989 | 288 | 1,277 | 1,277 |
| October ... | 932 | 872 | 1,804 | 150 | 1,239 | 367 | 17 | 31 | 400 | 950 | 1,350 | 442 | 12 | 1,287 | 3 | 60 | 412 | 2 | 28 | 9 | .. | 3 | 1,708 | 5 | 91 | 1,804 | 1,106 | 404 | 1,510 | 1,510 |
| November... | 1,810 | 1,650 | 3,460 | 249 | 2,853 | 226 | 89 | 43 | 820 | 1,668 | 2,488 | 945 | 27 | 2,351 | 4 | 133 | 880 | 2 | 63 | 23 | .. | 4 | 3,254 | 6 | 200 | 3,460 | 4,993 | 1,546 | 6,539 | 6,539 |
| December ... | 3,207 | 3,164 | 6,371 | 227 | 5,086 | 873 | 149 | 36 | 1,789 | 2,603 | 4,392 | 1,944 | 35 | 3,982 | 9 | 401 | 1,728 | 2 | 214 | 30 | .. | 5 | 5,740 | 11 | 620 | 6,371 | 25,956 | 12,100 | 38,056 | 38,056 |
| | 17,604 | 17,547 | 35,151 | 2,289 | 26,439 | 5,213 | 845 | 365 | 9,994 | 16,313 | 26,307 | 8,666 | 178 | 24,533 | 53 | 1,721 | 7,848 | 40 | 778 | 138 | 5 | 35 | 32,519 | 98 | 2,534 | 35,151 | 51,363 | 20,594 | 71,957 | 71,957 |
| Grand Total | 35,151 | | | 35,151 | | | | | 26,307 | | 35,151 | | | 26,307 | | | 8,666 | | | 178 | | | 35,151 | | | | 71,957 | | 71,957 | |

# Table No. 21.

TABLE of BIRTHS registered and of Vaccinations under one year of age performed in the year 1937.

| Wards. | SECTIONS. | Total number of births exclusive of still-born. | Deaths under one year. | Number of Infants surviving. | Number of Infants vaccinated under one year. | Percentage of vaccinations to births registered. |
|---|---|---|---|---|---|---|
| A | Upper Colaba | 120 | 11 | 109 | 499 | 76·30 |
| | Middle and Lower Colaba | 534 | 105 | 429 | | |
| | Fort, Southern | 67 | 9 | 50 | 794 | 86·21 |
| | Fort, Northern | 854 | 189 | 665 | | |
| | Esplanade | 524 | 81 | 443 | 317 | 60·50 |
| B | Mandvi | 872 | 226 | 646 | 517 | 59·29 |
| | Chukla | 595 | 109 | 486 | 471 | 79·16 |
| | Umarkhadi | 1,466 | 294 | 1,172 | 861 | 58·73 |
| | Dongri | 689 | 136 | 553 | 526 | 76·34 |
| C | Market | 848 | 208 | 640 | 725 | 85·50 |
| | Dhobi Talao | 1,344 | 320 | 1,024 | 917 | 68·23 |
| | Fanaswadi | 1,050 | 242 | 808 | 875 | 83·33 |
| | Bhuleshwar | 1,045 | 266 | 779 | 746 | 71·39 |
| | Khara Talao | 689 | 139 | 550 | 491 | 71·26 |
| | Kumbharwada | 789 | 221 | 568 | 541 | 68·57 |
| D | Khetwadi | 1,387 | 283 | 1,104 | 1,086 | 78·30 |
| | Girgaum | 1,287 | 259 | 1,028 | 1,426 | 110·80 |
| | Chowpati | 637 | 67 | 570 | 529 | 83·05 |
| | Walkeshwar | 543 | 103 | 440 | 317 | 58·38 |
| | Mahalakshmi | 1,005 | 223 | 782 | 848 | 84·38 |
| E | Mazagon | 1,137 | 308 | 829 | 626 | 55·06 |
| | Tarwadi | 1,472 | 385 | 1,087 | 1,074 | 72·96 |
| | Second Nagpada | 482 | 110 | 372 | 341 | 70·75 |
| | Kamathipura | 921 | 300 | 621 | 767 | 83·28 |
| | Tardeo | 1,034 | 217 | 817 | 878 | 84·91 |
| | Byculla | 2,205 | 717 | 1,488 | 1,371 | 62·18 |
| | First Nagpada | 228 | 29 | 199 | 169 | 74·12 |
| F | Parel | 2,175 | 443 | 1,732 | 1,244 | 57·20 |
| | Sewri | 759 | 251 | 508 | 394 | 51·91 |
| | Sion | 2,453 | 725 | 1,728 | 2,072 | 84 47 |
| G | Mahim | 2,221 | 537 | 1,684 | 2,309 | 103·96 |
| | Worli | 4,023 | 1,105 | | | |
| | Harbour, Docks, Railways and Unknown | ... | 70 | 2,848 | 2,105 | 64·03 |
| | | | | | 471 | |
| | TOTAL | 35,455 | 8,688 | 26,767 | 26,367 | 74.20 |

# Table No. 22.

SUMMARY of Sanitary Inspections made and Sanitary Improvements secured by the S. M. Is., J. M. Is. and Medical Assistants in 1937.

| | No. of Inspections, etc., by | |
|---|---|---|
| | S. M. Is. and J. M. Is. | Medical Assistants. |
| *A—Nature of Inspection or premises visited—* | | |
| 1. Dwelling Houses | 10,390 | 25,402 |
| 2. Milch Cattle Stables | 1,436 | 4,032 |
| 3. Other Stables | 1,332 | 3,458 |
| 4. Dairies and Milkshops | 5,359 | 5,997 |
| 5. Eating Houses | 10,364 | 23,808 |
| 6. Markets | .. | .. |
| 7. Other premises where food is sold | 4,238 | 4,045 |
| 8. Ærated Water Works | 666 | 1,452 |
| 9. Other Workshops and Factories | 5,917 | 11,843 |
| 10. Accumulations of Refuse | 1,754 | 4,820 |
| 11. Building Works | .. | .. |
| 12. Drains and Fittings | 7,254 | 13,679 |
| 13. Other Inspections and Inquiries | 9,444 | 30,720 |
| Total No. of Inspections | 58,154 | 129,256 |
| *B—Works, etc., completed—* | | |
| 1. Dwellings— | | |
| (*a*) Limewashed | 1,149 | 2,357 |
| (*b*) Water supply provided | 2 | 9 |
| (*c*) Overcrowding abated | .. | 4 |
| (*d*) Insanitary dwellings evacuated | 724 | 502 |
| 2. Stables— | | |
| (*a*) Paved and drained | 29 | 88 |
| (*b*) Cleaned and refuse removed | 24 | 279 |
| (*c*) License cancelled | 1 | .. |
| 3. Eating Houses, Dairies, etc.— | | |
| (*a*) Regulations enforced | 1,127 | 1,887 |
| (*b*) Licenses cancelled | .. | .. |
| 4. Factories and Workshops— Limewashing, etc., carried out | 127 | 239 |
| 5. Drains, etc., repaired | 2,166 | 3,836 |
| 6. Privies abolished | 161 | 178 |
| 7. New W.Cs. provided | 328 | 417 |
| 8. Accumulation of Refuse removed | 593 | 1,084 |
| 9. Other Works completed | 1,186 | 1,850 |
| Total Sanitary Work completed | 7,617 | 12,750 |

## Table No. 23.

Meteorological Data (Government Observatory, Colaba), Latitude 18°-53-36″ North, Longitude 72°-48′-56″ East.

| Months. | Wind. | | Temperature. | | | | | | Humidity at 8 Hours. | | Rainfall. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Direction. | Mean Velocity in Miles per hour. | Mean Maximum Temperature. | Departure from Normal. | Highest in Month. | Mean Minimum Temperature. | Departure from Normal. | Lowest in Month. | Mean. | Departure from Normal. | Total in the Month. | Departure from Normal. | Heaviest fall in one day. | | Minimum fall in one day. | | Numbers of rainy days. |
| | | | | | | | | | | | | | Inches. | Date. | Inches. | Date. | |
| 1937. | | | ° | ° | ° | ° | ° | ° | % | % | Inches. | Inches. | | | | | |
| January ... | ... | ... | N. | 5·8 | 82·7 | +0·1 | 89·1 | 64·9 | —1·5 | 60·8 | 36 | —2 | 0.00 | —0·09 | ..... | ..... | ..... | ... .. | ... |
| February | ... | ... | N. N. W. | 5·7 | 81·9 | —0·9 | 85·0 | 69·0 | +2·0 | 64·2 | 72 | +4 | 0·55 | +0·49 | 0.53 | 12th | 0.02 | 27th | 2 |
| March ... | ... | ... | N. N. W. | 7·0 | 84·9 | —0·8 | 90·2 | 71·4 | —0·2 | 66·8 | 69 | —3 | 0·00 | —0·04 | ..... | ..... | ... | ..... | ... |
| April ... | ... | ... | N. W. | 6·1 | 88·7 | +0·3 | 92·2 | 76·5 | +0·7 | 70·3 | 72 | —2 | 0·01 | —0·03 | 0.01 | 19th | 0.01 | 19th | 1 |
| May ... | ... | ... | W.N.W. | 6·2 | 90·5 | —0·2 | 93·4 | 79·5 | +0·3 | 76·4 | 73 | —1 | 0·00 | —0·68 | ..... | ..... | ..... | ..... | ... |
| June ... | ... | .. | W. S. W. | 8·2 | 88·5 | +0·3 | 94·2 | 79·0 | +0·7 | 73·4 | 79 | —2 | 18·32 | —1·36 | 3·00 | 20th | 0·04 | 16th | 19 |
| July ... | ... | ... | W. | 7·9 | 84·4 | —0·8 | 87·3 | 76·2 | —0·1 | 73·2 | 87 | +2 | 30·42 | +6·47 | 3·68 | 11th | 0·09 | 7th | 31 |
| August ... | ... | ... | W. | 6·6 | 85·3 | +0·5 | 87·2 | 76·8 | +1·1 | 74·8 | 82 | —2 | 5·45 | —7·76 | 0·73 | 14th | 0·01 | 5th, 11th & 15th | 29 |
| September | ... | ... | W.N.W. | 5·6 | 85·7 | +0·7 | 88·2 | 76·1 | +0·8 | 73·2 | 83 | 0 | 14·20 | +3·91 | 3·65 | 21st | 0·02 | 13th | 23 |
| October ... | ... | ... | N. | 4·9 | 88·7 | +0·1 | 91·6 | 76·1 | +0·9 | 72·4 | 75 | —3 | 1·77 | —0·29 | 1·19 | 4th | 0·04 | 1st | 4 |
| November | ... | ... | N.N.E. | 5·0 | 91·0 | +2·0 | 94·0 | 74·1 | +2·1 | 70·2 | 65 | —5 | 0·00 | —0·39 | ..... | ..... | ..... | ..... | ... |
| December | ... | ... | N. | 5·2 | 84·0 | —2·4 | 89·7 | 68·0 | —0·5 | 63·6 | 64 | —4 | 0.00 | —0·05 | ..... | ..... | ..... | ..... | ... |

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